

SURVEYOR'S OFFICE

Hamilton County

Kenton C. Ward, CFM
Surveyor of Hamilton County
Phone (317) 776-8495
Fax (317) 776-9628

Suite 188
One Hamilton County Square
Noblesville, Indiana 46060-2230

June 6, 2019

TO: Hamilton County Drainage Board

RE: Williams Creek Drainage Area, West Rail at the Station Section 3 Arm

Attached is a petition filed by Beazer Homes of Indiana, LLP along with a non-enforcement request, plans, calculations, quantity summary and assessment roll for the West Rail at the Station Section 3 Arm, Williams Creek Drain in Washington Township. I have reviewed the submittals and petition and have found each to be in proper form.

I have made a personal inspection of the land described in the petition. Upon doing so, I believe that the drain is practicable, will improve the public health, benefit a public highway, and be of public utility and that the costs, damages and expenses of the proposed drain will probably be less than the benefits accruing to the owners of land likely to be benefitted. The drain will consist of the following.

12" RCP	1311 ft.	24" RCP	261 ft.
15" RCP	171 ft.	30" RCP	204 ft.
18" RCP	208 ft.	6" SSD	5665 ft.
21" RCP	484 ft.		

The total length of drain will be 8304 feet.

The subsurface drains (SSD) to be part of the regulated drain are those located under the curbs and those main lines in rear yards. Only the main SSD lines which are located within the easement or right of way are to be maintained as regulated drain. Laterals for individuals lots will not be considered part of the regulated drain. The portion of the SSD which will be regulated other than those under curbs are as follows:

Curbline SSD in Streets:

Locomotive Street
West Rail Drive
Conductors Drive

Rear Yard SSD's:

Rear yard lots 138 and 143 from Str. 296 NE to riser
Rear yard lots 144 and 145 from Str. 295 SE to riser
Rear yard lots 91 and 94 from Str. 273 SE to riser
Rear yard lots 85 and 86 from Str. 264 South to riser
Rear yard lots 151 and 154 from Str. 245 to 244
Rear yard lots 155 and 157 from Str. 244 to 233

The retention ponds (Ponds 3 & 4) located in Common Areas B & C are not to be considered part of the regulated drain. Pond maintenance assumed by the Drainage Board shall only include the inlets and outlet as part of the regulated drain. The maintenance of the retention pond (lakes) such as sediment and erosion control along the banks, mowing and Aquatic vegetation maintenance and control will be the responsibility of the Homeowners Association. The Board will retain jurisdiction for ensuring the storage volume for which the pond was designed will be retained. Thereby, allowing no fill or easement encroachments.

With this project, the portion of the Chas. Osborn and J.R. Collins Drain No. 2, Arm 3 of the Williams Creek Drain shown on the Sheet C300 from approximately Sta. 15+91 to Sta. 26+54 was vacated with the West Rail at the Station Sec. 2 DB hearing on July 23, 2018. (See Hearing Drainage Board Minutes Book 18, Pages 219 to 221).

A portion of the storm drain facilities in Section 3 were installed with the expansion of Pond 4 located in Common Area "C" in Sec. 2. The portion of storm drain installed with West Rail at the Station Sec. 2 are located between Lots 95-96 and 154-155 (See Hearing Drainage Board Minutes Book 18, Pages 217 to 219).

I have reviewed the plans and believe the drain will benefit each lot equally. Therefore, I recommend each lot be assessed equally. I also believe that no damages will result to landowners by the construction of the drain. I recommend a maintenance assessment of \$65.00 per platted lot \$10.00 per acre for common areas, with a \$65.00 minimum, and \$10.00 per acre for roadways. With this assessment the total annual assessment for this drain will be \$3,077.90


In accordance with IC 36-7-4-709, the petitioner did not submit surety for the proposed drain prior to construction commencing. If the petitioner/developer wants to submit final secondary plat for recording prior to the final inspection and approved as-built drawings, a bond will be required at that time.

I believe this proposed drain meets the requirements for Urban Drain Classification as set out in IC 36-9-27-67 to 69. Therefore, this drain shall be designated as an Urban Drain.

I recommend that upon approval of the above proposed drain that the Board also approve the attached non-enforcement request. The request will be for the reduction of the regulated

drain easement to those easement widths as shown on the secondary plats for West Rail at the Station Section 3 as recorded in the office of the Hamilton County Recorder.

I recommend the Board set a hearing for this proposed drain for August 26, 2019.



Kenton C. Ward, CFM
Hamilton County Surveyor

KCW/jll

STATE OF INDIANA)
)
COUNTY OF HAMILTON)

TO: HAMILTON COUNTY DRAINAGE BOARD
% Hamilton County Surveyor
One Hamilton County Square, Suite 188
Noblesville, IN. 46060-2230

FILED

MAR 29 2019

OFFICE OF HAMILTON COUNTY SURVEYOR

In the matter of West Rail at the Station Subdivision, Section
Three Drain Petition.

Petitioner is the owner of all lots in the land affected by the proposed new regulated drain. The drainage will affect various lots in West Rail at the Station Section Three, a subdivision in Hamilton County, Indiana. The general route of such drainage shall be in existing easements and along public roads as shown in the plans on file in the Surveyor's Office.

Petitioner believes that the cost, damages and expenses of the proposed improvement will be less than the benefits which will result to the owners of the land likely to be benefited thereby. Petitioner believes the proposed improvements will:

- (a) improve public health
- (b) benefit a public street
- (c) be of public utility

Petitioner agrees to pay the cost of construction of the drainage system and requests periodic maintenance assessments by the Board thereafter.

The Petitioner also agrees to the following:

1. To provide the Drainage Board a Performance Bond or Non-Revocable Letter of Credit for the portion of the drainage system which will be made a regulated drain. The bond will be in the amount of 120% of the Engineer's estimate. The bond will be in effect until construction of 100% of the system is completed and so certified by the Engineer.
2. The Petitioner shall retain an Engineer throughout the construction phase. At completion of the project the Petitioner's Engineer shall certify that the drainage system which is to be maintained as a regulated drain has been constructed as per construction plans.
3. The Petitioner agrees to request in writing to the County Surveyor any changes from the approved plan and must receive written authorization from the County Surveyor prior to implementation of the change. All changes shall be documented and given to the Surveyor to be placed in the Drain file.
4. The Petitioner shall instruct his Engineer to provide a reproducible print on a 24" x 36" Mylar of the final design of the Drainage System. This shall be submitted to the County Surveyor prior to the release of the Performance Bond.
5. The Petitioner shall comply with the Erosion Control Plan as specified on the construction plans. Failure to comply with the Erosion Control Plan shall be determined by the Board as being an obstruction to the drainage system. The County Surveyor shall immediately install or repair the needed measures at Petitioner's cost as per IC 36-9-27-46.

The Petitioner further requests that the Drain be classified as an Urban Drain as per IC 36-9-27-69(d).

RECORDED OWNER(S) OF LAND INVOLVED

Neil Weiderhaft
Signed

Signed

NEIL WEIDERHAFT
Printed Name

Printed Name

3/11/19
Date

Date

Signed

Signed

Printed Name

Printed Name

Date

Date

FINDINGS AND ORDER


CONCERNING THE MAINTENANCE OF THE

Williams Creek Drainage Area,
West Rail at the Station Section 3 Arm


On this 26th day of August, 2019, the Hamilton County Drainage Board has held a hearing on the Maintenance Report and Schedule of Assessments of the *Williams Creek Drainage Area, West Rail at the Station Section 3 Arm.*

Evidence has been heard. Objections were presented and considered. The Board then adopted the original/amended Schedule of Assessments. The Board now finds that the annual maintenance assessment will be less than the benefits to the landowners and issues this order declaring that this Maintenance Fund be established.

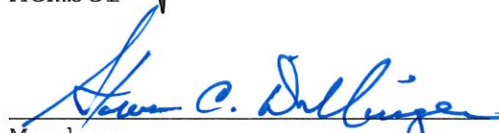
HAMILTON COUNTY DRAINAGE BOARD



President



Member



Member

Attest: 

Executive Secretary

BEFORE THE HAMILTON COUNTY DRAINAGE BOARD
IN THE MATTER OF

Williams Creek Drainage Area
West Rail at the Station Section 3 Arm

NOTICE

To Whom It May Concern and: _____

Notice is hereby given of the hearing of the Hamilton County Drainage Board on the **Williams Creek Drainage Area, West Rail at the Station Section 3 Arm** on **August 26, 2019** at **9:00 A.M.** in Commissioners Court, Hamilton County Judicial Center, One Hamilton County Square, Noblesville, Indiana, and which construction and maintenance reports of the Surveyor and the Schedule of Assessments made by the Drainage Board have been filed and are available for public inspection in the office of the Hamilton County Surveyor.

Hamilton County Drainage Board

Attest: Lynette Mosbaugh

ONE TIME ONLY

BEFORE THE HAMILTON COUNTY DRAINAGE BOARD
IN THE MATTER OF THE

**Williams Creek Drainage Area,
West Rail at the Station Section 3 Arm**

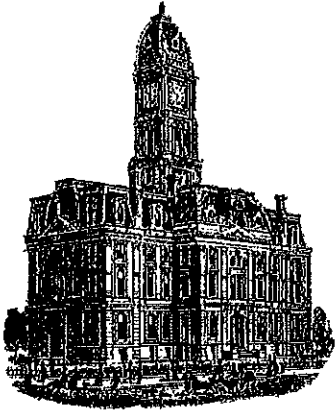
NOTICE

Notice is hereby given pursuant to Section 405 of the 1965 Indiana Drainage Code that this Board, prior to final adjournment on **August 26, 2019** has issued an order adopting the Schedule of Assessments, filed the same and made public announcement thereof at the hearing and ordered publication. If judicial review of the findings and order of the Board is not requested pursuant to Article Eight of this code within twenty (20) days from the date of this publication, the order shall be conclusive.

Hamilton County Drainage Board

Attest: Lynette Mosbaugh

ONE TIME ONLY



Kenton C. Ward, CFM
Surveyor of Hamilton County
Phone (317) 776-8495
Fax (317) 776-9628

Suite 188
One Hamilton County Square
Noblesville, Indiana 46060-2230

To: Hamilton County Drainage Board

July 20, 2022

Re: William Creek Drainage Area: West Rail at the Station Sec. 3

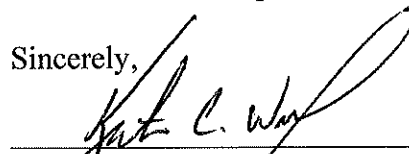
Attached are as-built, certificate of completion & compliance, and other information for West Rail at the Station Sec. 3. An inspection of the drainage facilities for this section has been made and the facilities were found to be complete and acceptable.

During construction, changes were made to the drain, which will alter the plans submitted with my report for this drain-dated June 6, 2019. The report was approved by the Board at the hearing held August 26, 2019. (See Drainage Board Minutes Book 18, Pages 560-562) The changes are as follows: the 12" RCP was lengthened from 1,311 feet to 1,326 feet. The 15" RCP was shortened from 171 feet to 168 feet. The 21" RCP was shortened from 484 feet to 482 feet. The 24" RCP was shortened from 261 feet to 252 feet. The 30" RCP was shortened from 204 feet to 203 feet. The 6" SSD was shortened from 5,665 feet to 5,449 feet. The length of the drain due to the changes described above is now **8,088 feet**.

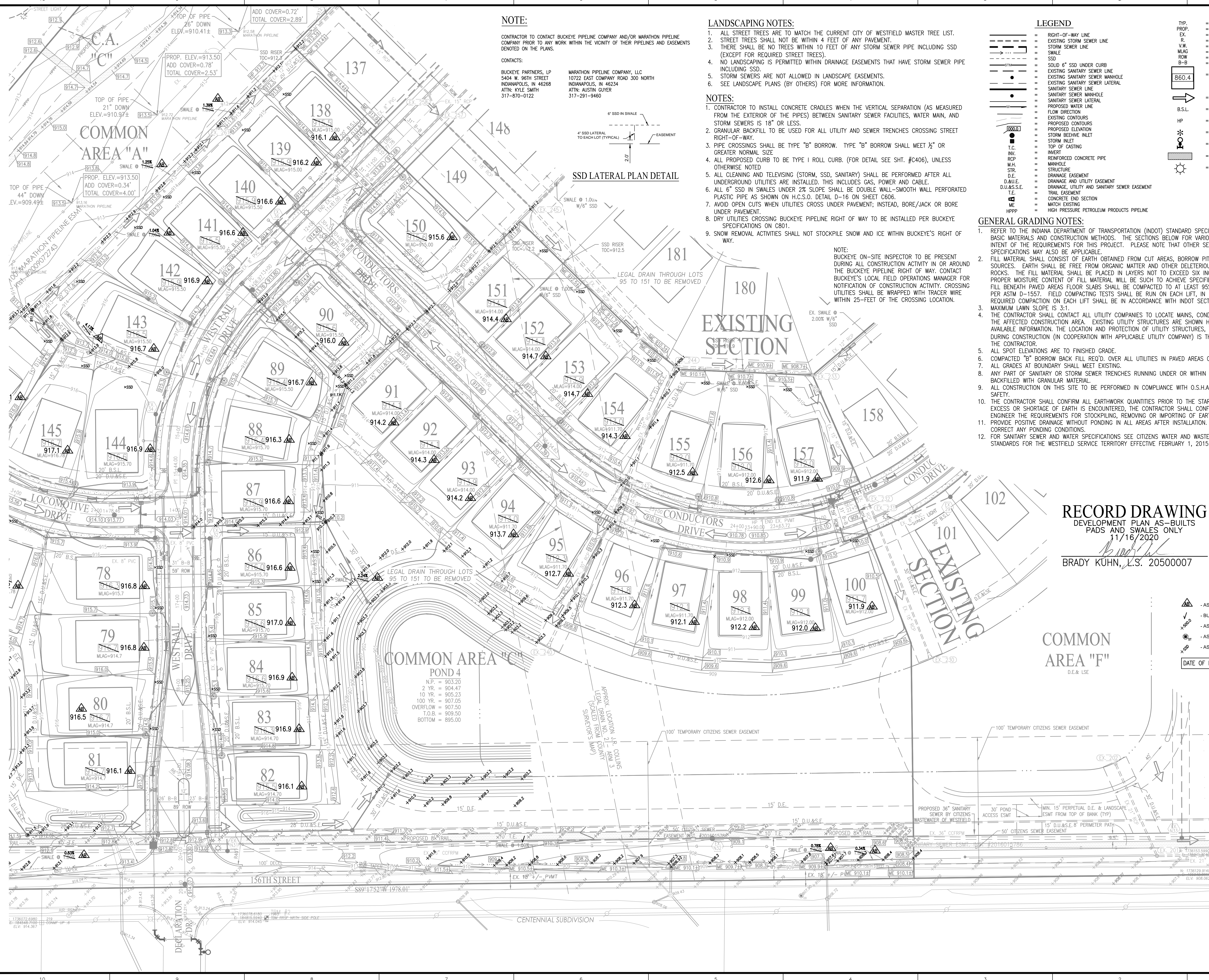
The non-enforcement was approved by the Board at its meeting on August 26, 2019 and recorded under instrument #2021031536. In accordance with IC 36-7-4-709 the petitioner did not submit sureties for this project.

I recommend the Board approve the drain's construction as complete and acceptable.

Sincerely,



Kenton C. Ward, CFM
Hamilton County Surveyor



NOTE:

CONTRACTOR TO CONTACT BUCKEYE PIPELINE COMPANY AND/OR MARATHON PIPELINE COMPANY PRIOR TO ANY WORK WITHIN THE VICINITY OF THEIR PIPELINES AND EASEMENTS DENOTED ON THE PLANS.

CONTACTS:
 BUCKEYE PARTNERS, LP
 5404 W. 96TH STREET
 INDIANAPOLIS, IN 46268
 ATTN: KYLE SMITH
 317-870-0122

MARATHON PIPELINE COMPANY, LLC
 10722 EAST COMPANY ROAD 300 NORTH
 INDIANAPOLIS, IN 46234
 ATTN: AUSTIN GUYER
 317-291-9460

LANDSCAPING NOTES:

1. ALL STREET TREES ARE TO MATCH THE CURRENT CITY OF WESTFIELD MASTER TREE LIST.
2. STREET TREES SHALL NOT BE WITHIN 4 FEET OF ANY PAVEMENT.
3. THERE SHALL BE NO TREES WITHIN 10 FEET OF ANY STORM SEWER PIPE INCLUDING SSD (EXCEPT FOR REQUIRED STREET TREES).
4. NO LANDSCAPING IS PERMITTED WITHIN DRAINAGE EASEMENTS THAT HAVE STORM SEWER PIPE INCLUDING SSD.
5. STORM SEWERS ARE NOT ALLOWED IN LANDSCAPE EASEMENTS.
6. SEE LANDSCAPE PLANS (BY OTHERS) FOR MORE INFORMATION.

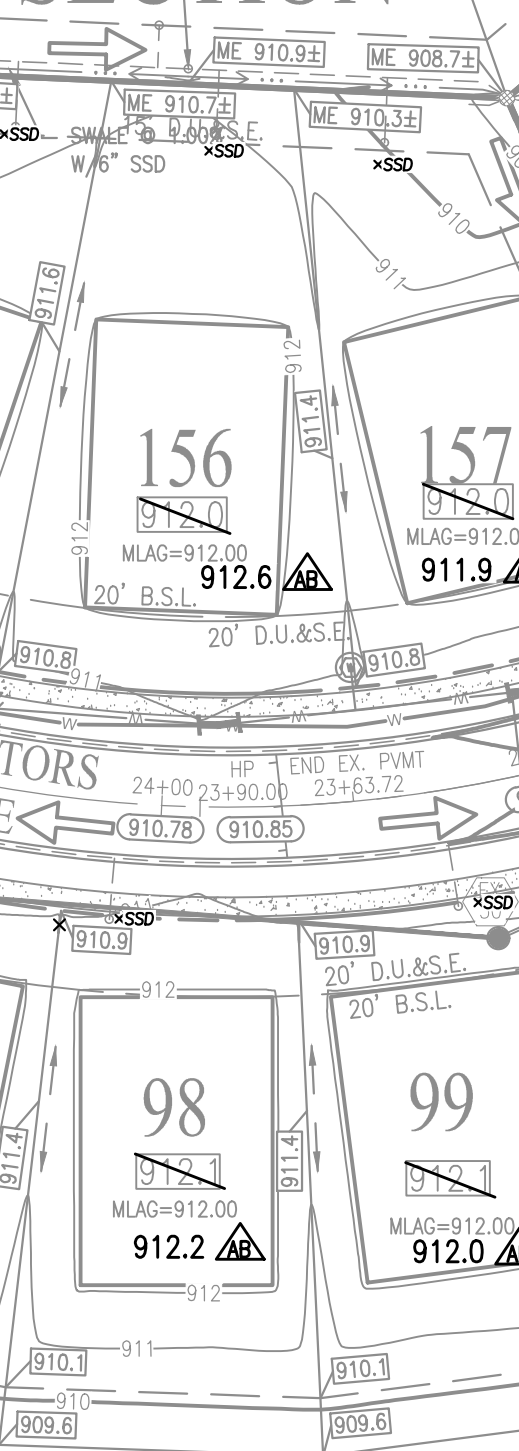
NOTES:

1. CONTRACTOR TO INSTALL CONCRETE CRADLES WHEN THE VERTICAL SEPARATION (AS MEASURED FROM THE EXTERIOR OF THE PIPES) BETWEEN SANITARY SEWER FACILITIES, WATER MAIN, AND STORM SEWERS IS 18" OR LESS.
2. GRANULAR BACKFILL TO BE USED FOR ALL UTILITY AND SEWER TRENCHES CROSSING STREET RIGHT-OF-WAY.
3. PIPE CROSSINGS SHALL BE TYPE "B" BORROW. TYPE "B" BORROW SHALL MEET 1/2" OR GREATER NORMAL SIZE.
4. ALL PROPOSED CURB TO BE TYPE 1 ROLL CURB. (FOR DETAIL SEE SHT. #C406), UNLESS OTHERWISE NOTED.
5. ALL CLEANING AND TELEVISION (STORM, SSD, SANITARY) SHALL BE PERFORMED AFTER ALL UNDERGROUND UTILITIES ARE INSTALLED. THIS INCLUDES GAS, POWER AND CABLE.
6. ALL 6" SSD IN SWALES UNDER 2% SLOPE SHALL BE DOUBLE WALL-SMOOTH WALL PERFORATED PLASTIC PIPE AS SHOWN ON U.L.C.S.S.D. DETAIL D-16 ON SHEET C606.
7. AVOID OPEN CUTS WHEN UTILITIES CROSS UNDER PAVEMENT; INSTEAD, BORE/JACK OR BORE UNDER PAVEMENT.
8. DRY UTILITIES CROSSING BUCKEYE PIPELINE RIGHT OF WAY TO BE INSTALLED PER BUCKEYE SPECIFICATIONS ON C801.
9. SNOW REMOVAL ACTIVITIES SHALL NOT STOCKPILE SNOW AND ICE WITHIN BUCKEYE'S RIGHT OF WAY.

SSD LATERAL PLAN DETAIL



EXISTING SECTION



NOTE:
 BUCKEYE ON-SITE INSPECTOR TO BE PRESENT DURING ALL CONSTRUCTION ACTIVITY IN OR AROUND THE BUCKEYE PIPELINE RIGHT OF WAY. CONTACT BUCKEYE'S LOCAL FIELD OPERATIONS MANAGER FOR NOTIFICATION OF CONSTRUCTION ACTIVITY. CROSSING UTILITIES SHALL BE WRAPPED WITH TRACER WIRE WITHIN 25- FEET OF THE CROSSING LOCATION.

LEGEND

- RIGHT-OF-WAY LINE
- EXISTING STORM SEWER LINE
- STORM SEWER LINE
- SWALE
- SSD
- SOLID 6" SSD UNDER CURB
- EXISTING SANITARY SEWER LINE
- EXISTING SANITARY SEWER MANHOLE
- EXISTING SANITARY SEWER LATERAL
- SANITARY SEWER LINE
- SANITARY SEWER MANHOLE
- SANITARY SEWER LATERAL
- PROPOSED WATER LINE
- FLOW DIRECTION
- EXISTING CONTOURS
- PROPOSED CONTOURS
- STORM ELEVATION
- STORM BREEZE INLET
- STORM INLET
- TOP OF CASTING
- INV.
- INV. RCP
- M.H.
- STR.
- D.E.
- D.U.&S.E.
- T.E.
- ME
- HPPP
- HIGH PRESSURE PETROLEUM PRODUCTS PIPELINE

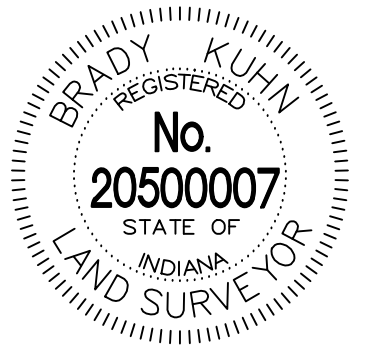
GENERAL GRADING NOTES:

1. REFER TO THE INDIANA DEPARTMENT OF TRANSPORTATION (INDOT) STANDARD SPECIFICATIONS, LATEST EDITION, FOR BASIC MATERIALS AND CONSTRUCTION METHODS. THE SECTIONS BELOW FOR VARIOUS ITEMS ARE TO CLARIFY THE INTENT OF THE REQUIREMENTS FOR THIS PROJECT. PLEASE NOTE THAT OTHER SECTIONS OF THE INDOT STANDARD SPECIFICATIONS MAY ALSO BE APPLICABLE.
2. FILL MATERIAL SHALL CONSIST OF EARTH OBTAINED FROM CUT AREAS, BORROW PITS OR OTHER APPROVED SOURCES. EARTH SHALL BE FREE FROM ORGANIC MATTER AND OTHER DELETERIOUS SUBSTANCES AND LARGE ROCKS. THE FILL MATERIAL SHALL BE PLACED IN LAYERS NOT TO EXCEED SIX INCHES FOLLOWING COMPACTION, PROPER MOISTURE CONTENT OF FILL MATERIAL WILL BE SUCH TO ACHIEVE SPECIFIED COMPACTION DENSITY. ALL FILL BENEATH PAVED AREAS FLOOR SLABS SHALL BE COMPACTED TO AT LEAST 95% OF THE MAXIMUM DRY DENSITY PER ASTM D-1557. FIELD COMPACTION TESTS SHALL BE RUN ON EACH LIFT, IN FILL SECTIONS, AND THE REQUIRED COMPACTION ON EACH LIFT SHALL BE IN ACCORDANCE WITH INDOT SECTION 211.
3. MAXIMUM LAWN SLOPE IS 3:1.
4. THE CONTRACTOR SHALL CONTACT ALL UTILITY COMPANIES TO LOCATE MAINS, CONDUITS, SERVICE LINES, ETC. IN THE AFFECTED CONSTRUCTION AREA. EXISTING UTILITY STRUCTURES ARE SHOWN HERE IN ACCORDANCE WITH AVAILABLE INFORMATION. THE LOCATION AND PROTECTION OF UTILITY STRUCTURES, THEIR SUPPORT AND MAINTENANCE DURING CONSTRUCTION (IN COOPERATION WITH APPLICABLE UTILITY COMPANY) IS THE EXPRESSED RESPONSIBILITY OF THE CONTRACTOR.
5. ALL SPOT ELEVATIONS ARE TO FINISHED GRADE.
6. COMPACTED "B" BORROW BACK FILL REQ'D. OVER ALL UTILITIES IN PAVED AREAS OR WITHIN 5 FT. OF PAVED AREAS.
7. ALL GRADES AT BOUNDARY SHALL MEET EXISTING.
8. ANY PART OF SANITARY OR STORM SEWER TRENCHES RUNNING UNDER OR WITHIN 5' OF PAVEMENT TO BE BACKFILLED WITH GRANULAR MATERIAL.
9. ALL CONSTRUCTION ON THIS SITE TO BE PERFORMED IN COMPLIANCE WITH O.S.H.A. STANDARDS FOR WORKER SAFETY.
10. THE CONTRACTOR SHALL CONFIRM ALL EARTHWORK QUANTITIES PRIOR TO THE START OF CONSTRUCTION. IF AN EXCESS OR SHORTAGE OF EARTH IS ENCOUNTERED, THE CONTRACTOR SHALL CONFIRM WITH THE OWNER AND ENGINEER THE REQUIREMENTS FOR STOCKPILING, REMOVING OR IMPORTING OF EARTH.
11. PROVIDE POSITIVE DRAINAGE WITHOUT PONDING IN ALL AREAS AFTER INSTALLATION. CONTRACTOR TO TEST FOR AND CORRECT ANY PONDING CONDITIONS.
12. FOR SANITARY SEWER AND WATER SPECIFICATIONS SEE CITIZENS WATER AND WASTEWATER SPECIFICATIONS AND STANDARDS FOR THE WESTFIELD SERVICE TERRITORY EFFECTIVE FEBRUARY 1, 2015.

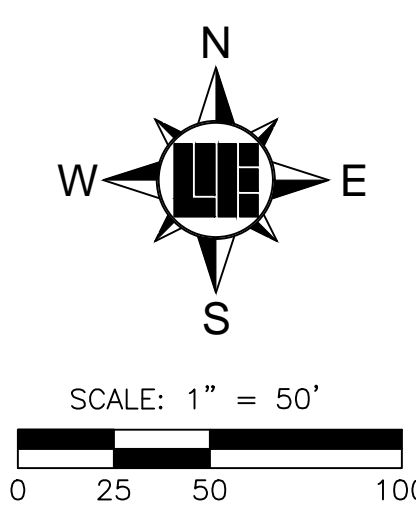
RECORD DRAWING

DEVELOPMENT PLAN AS-BUILTS
 PADS AND SWALES ONLY
 11/16/2020

BRADY KUHN, L.S. 20500007



- △ - ASBUILT INFORMATION
 - ✓ - BUILT AS PLANNED
 - +900.0 - ASBUILT SPOT ELEVATION
 - - ASBUILT RISER
 - - ASBUILT SUBSURFACE DRAIN
- DATE OF LAST FIELDWORK: 11/13/2020



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 800 | 452 - 6408
 317 | 843 - 0546/ax

ALLAN H. WEIHE, P.E., L.S. - FOUNDER

WEIHE ENGINEERS
 Land Surveying | Civil Engineering
 Landscape Architecture

PROJECT NO.: W150389-3
 DATE: 08/07/2020
 BY: BRADY KUHN
 CHECKED BY: A.S.

REVISIONS AND ISSUES:
 08/07/2020: REVISED PER PERMITS COMMENTS (ADDED SEPARATION DIMENSIONS)
 08/07/2020: REVISED PER PERMITS COMMENTS (ADDED SEPARATION DIMENSIONS)
 08/07/2020: REVISED PER BUCKEYE COMMENTS (11-15-2019)

DUALINE A. SHARRER
 No. 890258
 STATE OF INDIANA
 PROFESSIONAL ENGINEER

DUANE A. SHARRER P.E. 890258

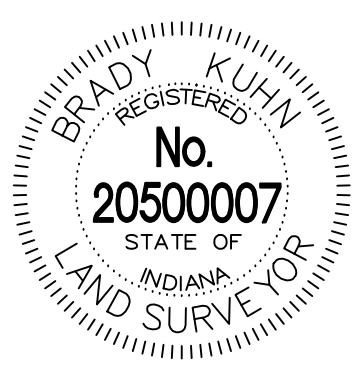
WEST RAIL AT THE STATION SECTION 3
 BEAZER HOMES INDIANA, LLP
 DEVELOPMENT PLAN
 Part of Section 10, Township 19 North, Range 3 East, Washington Township, Hamilton County, Indiana

SHEET NO. **C300**
 PROJECT NO. **W150389-3**

LOCATION: H:\2019\W150389\Section 3\Engineering\asbuilt\AB_Convert\AB_C300_Development_Plan.dwg
 DATE: 11/16/2020 12:20:21
 PLOTTED BY: ksm

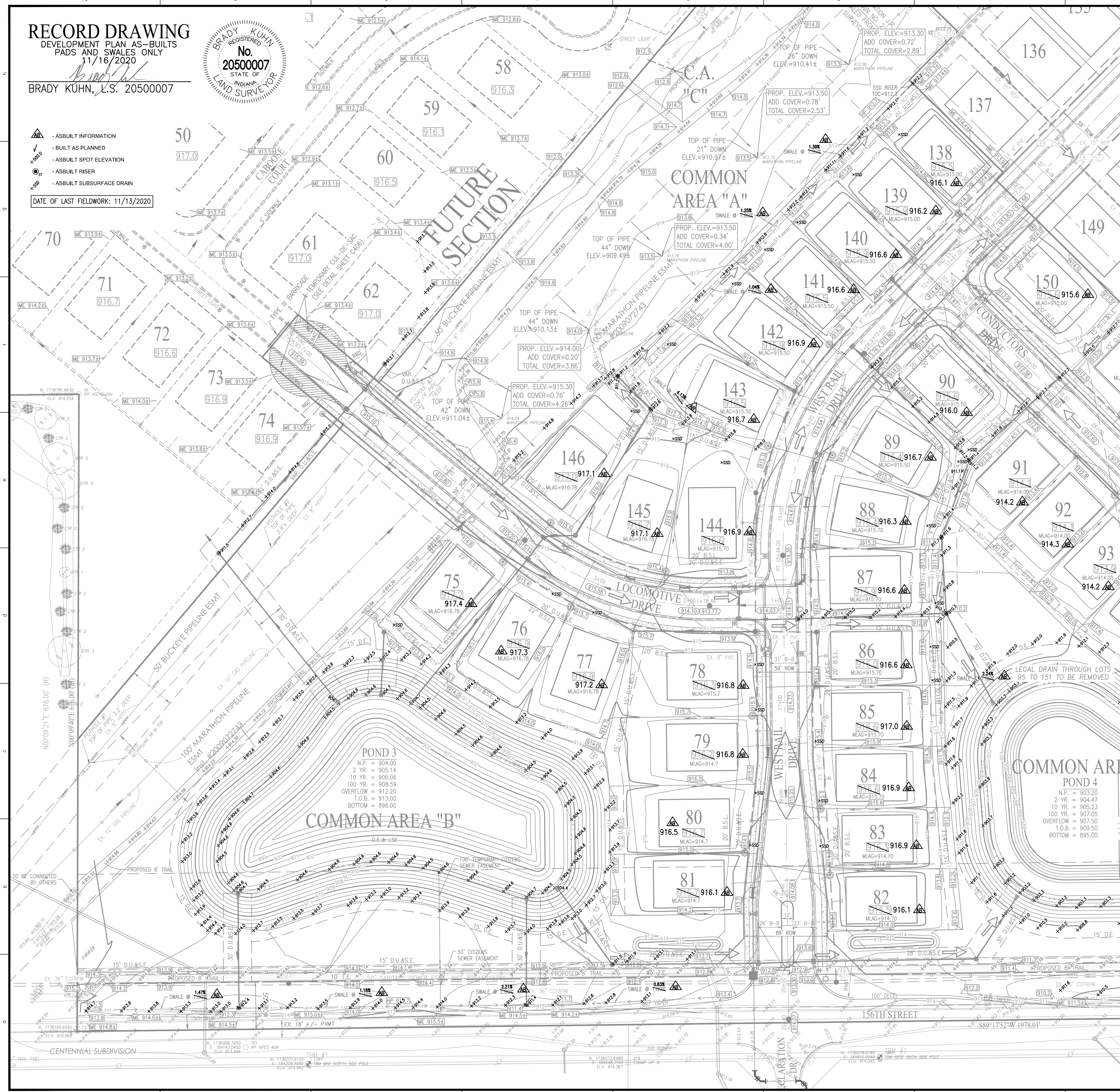
RECORD DRAWING
DEVELOPMENT PLAN AS-BUILTS
PADS AND SWALES ONLY
11/16/2020

BRADY KUHN, L.S. 20500007



- ASBUILT INFORMATION
- BUILT AS PLANNED
- ASBUILT SPOT ELEVATION
- ASBUILT RISER
- ASBUILT SUBSURFACE DRAIN

DATE OF LAST FIELDWORK: 11/13/2020



- LEGEND**
- RIGHT-OF-WAY LINE
 - EXISTING STORM SEWER LINE
 - STORM SEWER LINE
 - SWALE
 - SOLID 6" SSD UNDER CURB
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 - PROPOSED ELEVATION
 - STORM MANHOLE INLET
 - STORM INLET
 - TOP OF CASTING
 - INVERT
 - REINFORCED CONCRETE PIPE
 - MANHOLE
 - STRUCTURE
 - DRAINAGE EASEMENT
 - DRAINAGE AND UTILITY EASEMENT
 - DRAINAGE, UTILITY AND SANITARY SEWER EASEMENT
 - TRAIL EASEMENT
 - CONCRETE END SECTION
 - MATCH EXISTING
 - HIGH PRESSURE PETROLEUM PRODUCTS PIPELINE
 - TYP. PROP. RADIUS
 - EX. RADIUS
 - VARIABLE WIDTH
 - MINIMUM LOWEST ADJACENT GRADE
 - RIGHT-OF-WAY BACK OF CURB
 - 860.4
 - EMERGENCY FLOOD ROUTE
 - B.S.L.
 - HIGH POINT
 - ADA RAMP
 - FIRE HYDRANT
 - PROPOSED 8' ASPHALT PATH
 - STREET LIGHT

- LANDSCAPING NOTES:**
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 - ANY PART OF SANITARY OR STORM SEWER TRENCHES RUNNING UNDER OR WITHIN 5' OF PAVEMENT TO BE BACKFILLED WITH GRANULAR MATERIAL.
 - ALL CONSTRUCTION ON THIS SITE TO BE PERFORMED IN COMPLIANCE WITH O.S.H.A. STANDARDS FOR WORKER SAFETY.
 - THE CONTRACTOR SHALL CONFIRM ALL EARTHWORK QUANTITIES PRIOR TO THE START OF CONSTRUCTION. IF AN EXCESS OR SHORTAGE OF EARTH IS ENCOUNTERED, THE CONTRACTOR SHALL CONFIRM WITH THE OWNER AND ENGINEER THE REQUIREMENTS FOR STOCKPILING, REMOVING OR IMPORTING OF EARTH.
 - PROVIDE POSITIVE DRAINAGE WITHOUT PONDING IN ALL AREAS AFTER INSTALLATION. CONTRACTOR TO TEST FOR AND CORRECT ANY PONDING CONDITIONS.
 - FOR SANITARY SEWER AND WATER SPECIFICATIONS SEE CITIZENS WATER AND WASTEWATER SPECIFICATIONS AND STANDARDS FOR THE WESTFIELD SERVICE TERRITORY EFFECTIVE FEBRUARY 1, 2015.

NOTE:
CONTRACTOR TO CONTACT BUCKEYE PIPELINE COMPANY AND/OR MARATHON PIPELINE COMPANY PRIOR TO ANY WORK WITHIN THE VICINITY OF THEIR PIPELINES AND EASEMENTS DENOTED ON THE PLANS.

CONTACTS:

BUCKEYE PARTNERS, LP
5404 W. 96TH STREET
INDIANAPOLIS, IN 46268
ATTN: KYLE SMITH
317-870-0122

MARATHON PIPELINE COMPANY, LLC
10722 EAST COMPANY ROAD 300 NORTH
INDIANAPOLIS, IN 46234
ATTN: AUSTIN GUYER
317-291-9460

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IT IS AGAINST THE LAW TO EXCAVATE
WITHOUT NOTIFYING THE UNDERGROUND
LOCATION SERVICE TWO (2) WORKING
DAYS BEFORE COMMENCING WORK.

SCALE: 1" = 50'

0 25 50 100

10505 N. College Avenue
Indianapolis, Indiana 46280
weihhe.net

317 | 846 - 6611
800 | 452 - 6408
317 | 843 - 0546/ax

WEIHE ENGINEERS
Land Surveying | Civil Engineering
Landscape Architecture

PROJECT NO.: W150389-3
DATE: 08/04/2019
BY: [Signature]
CHECKED BY: [Signature]
DATE: 08/07/2020

DUANE A. SHARRER
REGISTERED PROFESSIONAL ENGINEER
No. 890258
STATE OF INDIANA

WEST RAIL AT THE STATION SECTION 3
DEVELOPMENT PLAN
Part of Station 10, Township 19 North, Range 3 East, Washington Township, Hamilton County, Indiana

SHEET NO. **C301**
PROJECT NO. **W150389-3**

LOCATION: H:\2019\W150389\Section 3\Engineering\asbults\AB_Constr\AB_C300_Development_Plan.dwg
LAYOUT: C301
DATE: 11/16/2020 12:20:21
PLOT: 11/16/2020 12:20:21
PLOTTER: HP DesignJet 5000PS
PLOT SCALE: 1" = 50'



- AS-BUILT INFORMATION
 - BUILT AS PLANNED
 - AS-BUILT SPOT ELEVATION
 - AS-BUILT RISER
 - AS-BUILT SUBSURFACE DRAIN
- DATE OF LAST FIELDWORK: 11/13/2020

- LEGEND**
- RIGHT-OF-WAY LINE
 - EXISTING STORM SEWER LINE
 - STORM SEWER LINE
 - SWALE
 - SOLID 6" SSD UNDER CURB
 - EXISTING SANITARY SEWER LINE
 - EXISTING SANITARY SEWER MANHOLE
 - EXISTING SANITARY SEWER LATERAL
 - SANITARY SEWER LINE
 - SANITARY SEWER MANHOLE
 - SANITARY SEWER LATERAL
 - PROPOSED WATER LINE
 - FLOW DIRECTION
 - EXISTING CONTOURS
 - PROPOSED CONTOURS
 - PROPOSED ELEVATION
 - STORM INLET
 - TOP OF CASTING
 - INVERT
 - REINFORCED CONCRETE PIPE
 - MANHOLE
 - STRUCTURE
 - DRAINAGE EASEMENT
 - DRAINAGE AND UTILITY EASEMENT
 - DRAINAGE, UTILITY AND SANITARY SEWER EASEMENT
 - TRAIL EASEMENT
 - CONCRETE END SECTION
 - MATCH EXISTING
 - HIGH PRESSURE PETROLEUM PRODUCTS PIPELINE
- TYP. PROP. RADIUS
 - EXISTING VARIABLE WIDTH
 - MINIMUM LOWEST ADJACENT GRADE
 - RIGHT-OF-WAY BACK OF CURB
 - PAD ELEV. 860.4
 - EMERGENCY FLOOD ROUTE
 - B.S.L.
 - HP
 - ADA RAMP
 - FIRE HYDRANT
 - PROPOSED 8" ASPHALT PATH
 - STREET LIGHT

- LANDSCAPING NOTES:**
- ALL STREET TREES ARE TO MATCH THE CURRENT CITY OF WESTFIELD MASTER TREE LIST.
 - STREET TREES SHALL NOT BE WITHIN 4 FEET OF ANY PAVEMENT.
 - THERE SHALL BE NO TREES WITHIN 10 FEET OF ANY STORM SEWER PIPE INCLUDING SSD (EXCEPT FOR REQUIRED STREET TREES).
 - NO LANDSCAPING IS PERMITTED WITHIN DRAINAGE EASEMENTS THAT HAVE STORM SEWER PIPE INCLUDING SSD.
 - STORM SEWERS ARE NOT ALLOWED IN LANDSCAPE EASEMENTS.
 - SEE LANDSCAPE PLANS (BY OTHERS) FOR MORE INFORMATION.
- NOTES:**
- CONTRACTOR TO INSTALL CONCRETE CRADLES WHEN THE VERTICAL SEPARATION (AS MEASURED FROM THE EXTERIOR OF THE PIPES) BETWEEN SANITARY SEWER FACILITIES, WATER MAIN, AND STORM SEWERS IS 18" OR LESS.
 - GRANULAR BACKFILL TO BE USED FOR ALL UTILITY AND SEWER TRENCHES CROSSING STREET RIGHT-OF-WAY.
 - PIPE CROSSINGS SHALL BE TYPE "B" BORROW. TYPE "B" BORROW SHALL MEET 1/2" OR GREATER NORMAL SIZE.
 - ALL PROPOSED CURB TO BE TYPE 1 ROLL CURB. (FOR DETAIL SEE SHT. #C406), UNLESS OTHERWISE NOTED.
 - ALL CLEANING AND TIE-IN (STORM, SSD, SANITARY) SHALL BE PERFORMED AFTER ALL UNDERGROUND UTILITIES ARE INSTALLED. THIS INCLUDES GAS, POWER AND CABLE.
 - ALL 6" SSD IN SWALES UNDER 2% SLOPE SHALL BE DOUBLE WALL-SMOOTH WALL PERFORATED PLASTIC PIPE AS SHOWN ON H.C.S.O. DETAIL D-16 ON SHEET C066.
 - AVOID OPEN CUTS WHEN UTILITIES CROSS UNDER PAVEMENT, INSTEAD, BORE/JACK OR BORE UNDER PAVEMENT.
 - DRY UTILITIES CROSSING BUCKEYE PIPELINE RIGHT OF WAY TO BE INSTALLED PER BUCKEYE SPECIFICATIONS ON C801.
 - SNOW REMOVAL ACTIVITIES SHALL NOT STOCKPILE SNOW AND ICE WITHIN BUCKEYE'S RIGHT OF WAY.

- GENERAL GRADING NOTES:**
- REFER TO THE INDIANA DEPARTMENT OF TRANSPORTATION (INDOT) STANDARD SPECIFICATIONS, LATEST EDITION, FOR BASIC MATERIALS AND CONSTRUCTION METHODS. THE SECTIONS BELOW FOR VARIOUS ITEMS ARE TO CLARIFY THE INTENT OF THE REQUIREMENTS FOR THIS PROJECT. PLEASE NOTE THAT OTHER SECTIONS OF THE INDOT STANDARD SPECIFICATIONS MAY ALSO BE APPLICABLE.
 - FILL MATERIAL SHALL CONSIST OF EARTH OBTAINED FROM CUT AREAS, BORROW PITS OR OTHER APPROVED SOURCES. EARTH SHALL BE FREE FROM ORGANIC MATTER AND OTHER DELETERIOUS SUBSTANCES AND LARGE ROCKS. THE FILL MATERIAL SHALL BE PLACED IN LAYERS NOT TO EXCEED SIX INCHES FOLLOWING COMPACTION. PROPER MOISTURE CONTENT OF FILL MATERIAL WILL BE SUCH TO ACHIEVE SPECIFIED COMPACTION DENSITY. ALL FILL BENEATH PAVED AREAS FLOOR SLABS SHALL BE COMPACTED TO AT LEAST 95% OF THE MAXIMUM DRY DENSITY PER ASTM D-1557. FIELD COMPACTION TESTS SHALL BE RUN ON EACH LIFT, IN FILL SECTIONS, AND THE REQUIRED COMPACTION ON EACH LIFT SHALL BE IN ACCORDANCE WITH INDOT SECTION 211.
 - MAXIMUM LAWN SLOPE IS 3:1.
 - THE CONTRACTOR SHALL CONTACT ALL UTILITY COMPANIES TO LOCATE MAINS, CONDUITS, SERVICE LINES, ETC. IN THE AFFECTED CONSTRUCTION AREA. EXISTING UTILITY STRUCTURES ARE SHOWN HERE IN ACCORDANCE WITH AVAILABLE INFORMATION. THE LOCATION AND PROTECTION OF UTILITY STRUCTURES, THEIR SUPPORT AND MAINTENANCE DURING CONSTRUCTION (IN COOPERATION WITH APPLICABLE UTILITY COMPANY) IS THE EXPRESSED RESPONSIBILITY OF THE CONTRACTOR.
 - ALL SPOT ELEVATIONS ARE TO FINISHED GRADE.
 - COMPACTED "B" BORROW BACK FILL REQ'D. OVER ALL UTILITIES IN PAVED AREAS OR WITHIN 5FT. OF PAVED AREAS.
 - ALL GRADES AT BOUNDARY SHALL MEET EXISTING.
 - ANY PART OF SANITARY OR STORM SEWER TRENCHES RUNNING UNDER OR WITHIN 5' OF PAVEMENT TO BE BACKFILLED WITH GRANULAR MATERIAL.
 - ALL CONSTRUCTION ON THIS SITE TO BE PERFORMED IN COMPLIANCE WITH O.S.H.A. STANDARDS FOR WORKER SAFETY.
 - THE CONTRACTOR SHALL CONFIRM ALL EARTHWORK QUANTITIES PRIOR TO THE START OF CONSTRUCTION. IF AN EXCESS OR SHORTAGE OF EARTH IS ENCOUNTERED, THE CONTRACTOR SHALL CONFIRM WITH THE OWNER AND ENGINEER THE REQUIREMENTS FOR STOCKPIILING, REMOVING OR IMPORTING OF EARTH.
 - PROVIDE POSITIVE DRAINAGE WITHOUT PONDING IN ALL AREAS AFTER INSTALLATION. CONTRACTOR TO TEST FOR AND CORRECT ANY PONDING CONDITIONS.
 - FOR SANITARY SEWER AND WATER SPECIFICATIONS SEE CITIZENS WATER AND WASTEWATER SPECIFICATIONS AND STANDARDS FOR THE WESTFIELD SERVICE TERRITORY EFFECTIVE FEBRUARY 1, 2015.

- SSD LATERAL PLAN DETAIL**
-
- NOTE:**
 CONTRACTOR TO CONTACT BUCKEYE PIPELINE COMPANY AND/OR MARATHON PIPELINE COMPANY PRIOR TO ANY WORK WITHIN THE VICINITY OF THEIR PIPELINES AND EASEMENTS DENOTED ON THE PLANS.
- CONTACTS:**
- | | |
|---|---|
| BUCKEYE PARTNERS, LP
5404 W. 96TH STREET
INDIANAPOLIS, IN 46268
ATTN: KYLE SMITH
317-870-0122 | MARATHON PIPELINE COMPANY, LLC
10722 EAST COMPANY ROAD 300 NORTH
INDIANAPOLIS, IN 46234
ATTN: AUSTIN GUYER
317-291-9460 |
|---|---|
- NOTE:**
 BUCKEYE ON-SITE INSPECTOR TO BE PRESENT DURING ALL CONSTRUCTION ACTIVITY IN OR AROUND THE BUCKEYE PIPELINE RIGHT OF WAY. CONTACT BUCKEYE'S LOCAL FIELD OPERATIONS MANAGER FOR NOTIFICATION OF CONSTRUCTION ACTIVITY. CROSSING UTILITIES SHALL BE WRAPPED WITH TRACER WIRE WITHIN 25-FOOT OF THE CROSSING LOCATION.

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 LOCATION SERVICE TWO (2) WORKING
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SSD LATERAL PLAN DETAIL

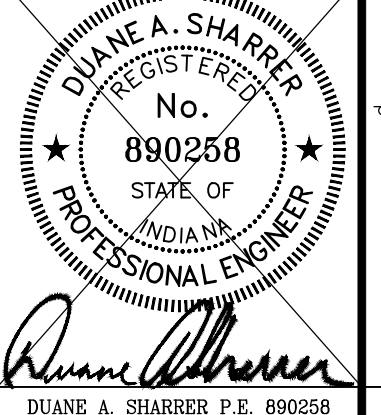
10505 N. College Avenue
 Indianapolis, Indiana 46280
 weithe.net
 317 | 846 - 6611
 800 | 452 - 6408
 317 | 843 - 0546/ax
 ALLAN H. WEIHE, P.E., L.S. - FOUNDER

WEIHE ENGINEERS
 Land Surveying | Civil Engineering
 Landscape Architecture

PROJECT NO.:	W150389-3
DATE:	08/07/2020
BY:	DK
DATE:	08/07/2020
DESIGNED BY:	DK
DRAWN BY:	DK
CHECKED BY:	AKS
DATE:	01-04-2019

REVISIONS AND ISSUES

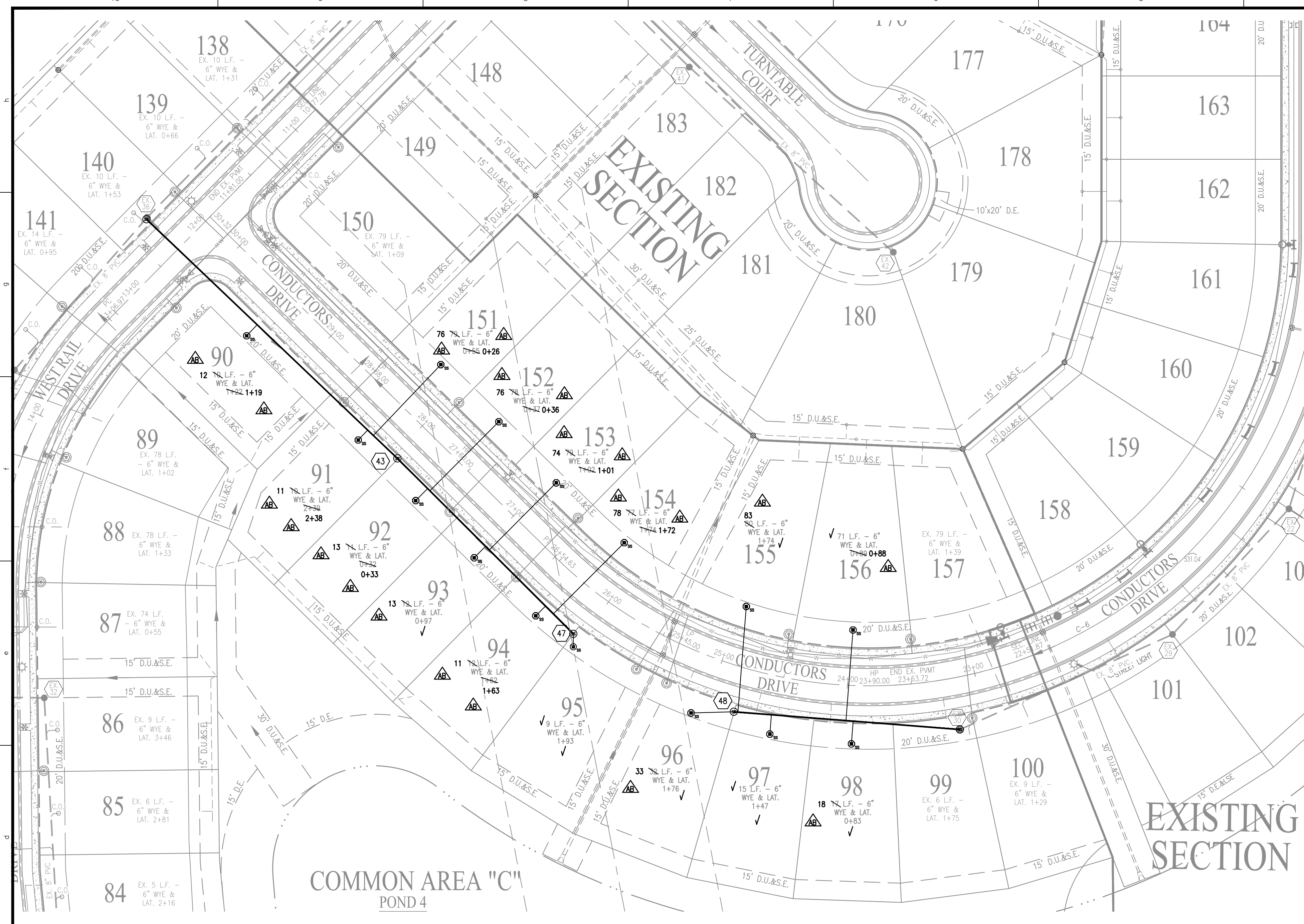
NO.	DATE	DESCRIPTION
1	08/07/2020	ISSUED FOR PERMITS
2	08/07/2020	REVISED PER CITY OF WESTFIELD COMMENTS
3	08/07/2020	REVISED PER BUCKEYE COMMENTS (ADDED SEPARATION DIMENSIONS)
4	08/07/2020	REVISED PER BUCKEYE COMMENTS (11-15-2019)
5	08/07/2020	REVISED PER BUCKEYE COMMENTS (11-15-2019)



WEST RAIL AT THE STATION SECTION 3
 BEAZER HOMES INDIANA, LLP
 OFF-SITE DEVELOPMENT PLAN
 Part of Station 10, Pennington 19 North, Stage 3 East, Washington Township, Hamilton County, Indiana

SHEET NO. **C302**
 PROJECT NO. **W150389-3**

LOCATION: H:\2019\W150389\Section 3\Engineering\asbuilt\AB_Constr\AB_C300_Development_Plan.dwg
 DATE: 11/16/2020 12:20:21
 PLOTTED BY: kmm



LEGEND

- RIGHT-OF-WAY LINE
- EXISTING STORM SEWER LINE
- STORM SEWER LINE
- SWALE
- SSD
- SOLID 6" SSD UNDER CURB
- EXISTING SANITARY SEWER LINE
- EXISTING SANITARY SEWER MANHOLE
- EXISTING SANITARY SEWER LATERAL
- SANITARY SEWER LINE
- SANITARY SEWER MANHOLE
- SANITARY SEWER LATERAL
- PROPOSED WATER LINE
- FLOW DIRECTION
- EXISTING CONTOURS
- PROPOSED CONTOURS
- PROPOSED ELEVATION
- STORM INLET
- STORM BEEHIVE INLET
- STORM INLET
- TOP OF CASTING
- INVERT
- REINFORCED CONCRETE PIPE
- MANHOLE STRUCTURE
- M.H. STRUCTURE
- D.E. STRUCTURE
- D.U.&S.E. STRUCTURE
- T.E. STRUCTURE
- TYP. STRUCTURE
- PROP. STRUCTURE
- R. STRUCTURE
- V.W. STRUCTURE
- M.I.G. STRUCTURE
- ROW B-S
- PAD ELEV
- EMERGENCY FLOOD ROUTE
- BUILDING SETBACK LINE
- HIGH POINT
- ADA RAMP
- FIRE HYDRANT
- PROPOSED 8" ASPHALT PATH
- STREET LIGHT

SANITARY SEWER PIPE DATA TABLE

DOWNSTREAM STRUCTURE	UPSTREAM STRUCTURE	SIZE	MATERIAL	LENGTH	SLOPE
30	29	8"	PVC	182'	1.27%
32	N31	8"	PVC	37'	0.45%
33	32	8"	PVC	65'	0.45%
34	33	8"	PVC	147'	0.45%
35	34	8"	PVC	115'	0.45%
36	35	8"	PVC	158'	0.45%
37	36	8"	PVC	380'	0.45%
38	37	8"	PVC	333'	0.45%
39	38	8"	PVC	124'	0.45%
40	39	8"	PVC	128'	1.00%
41	37	8"	PVC	219'	0.45%
42	41	8"	PVC	215'	1.65%
43	87	8"	PVC	258'	0.45%
47	43	8"	PVC	193'	1.00%
48	30	8"	PVC	116'	0.73%
49	88	8"	PVC	116'	1.50%
50	49	8"	PVC	214'	0.45%
54	50	8"	PVC	190'	0.45%
54	91	8"	PVC	13'	0.45%

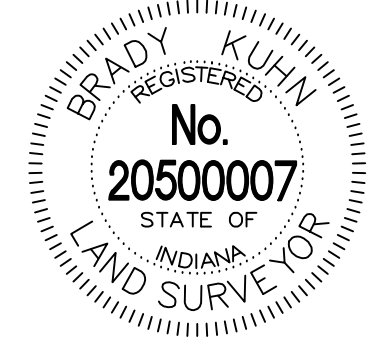
- NOTES:**
- TOWN OF WESTFIELD STANDARD SPECIFICATIONS, LATEST EDITION, SHALL APPLY TO THIS PROJECT FOR ALL STREET IMPROVEMENTS.
 - ALL STREETS TO BE 31' IN WIDTH (MEASURED FROM B-B OF CURB) UNLESS OTHERWISE NOTED.
 - ALL RIGHTS-OF-WAY TO BE 59' IN WIDTH UNLESS OTHERWISE NOTED.
 - ALL CURB RADI AT INTERSECTIONS ARE 25' TO BACK OF CURB UNLESS OTHERWISE NOTED.
 - TEMPORARY TRAFFIC CONTROL DURING CONSTRUCTION TO CONFORM TO APPLICABLE LOCAL AND STATE STANDARDS.
 - ALL CONSTRUCTION ACTIVITY ON THIS SITE TO BE PERFORMED IN COMPLIANCE WITH APPLICABLE O.S.H.A. STANDARDS FOR WORKER SAFETY.
 - IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO FIELD VERIFY ALL UTILITY LOCATIONS BEFORE CONSTRUCTION BEGINS.
 - IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE EXACT LOCATIONS OF ALL UTILITIES IN THE VICINITY OF THE CONSTRUCTION AREA PRIOR TO STARTING ANY CONSTRUCTION.
 - ALL STREETS TO BE CONSTRUCTED IN ACCORDANCE WITH THE TOWN OF WESTFIELD STANDARDS AND SPECIFICATIONS.
 - SEE SECONDARY PLAT FOR FOR STREET CENTERLINE GEOMETRY, EASEMENT LOCATIONS AND DESIGNATIONS.

- NOTES:**
- THE LOWEST FLOOR ELEVATION RECEIVING GRAVITY SERVICE MUST BE A MIN. OF ONE FOOT ABOVE THE NEAREST MANHOLE TOP OF CASTING, UPSTREAM OR DOWNSTREAM, OR A GRINDER PUMP SHALL BE REQUIRED.
 - ALL LATERALS TO BE INSTALLED WITH "TRACER WIRE" ON TOP OF THE PIPE THE ENTIRE LENGTH FROM THE SEWER MANHOLE TO THE CLEANOUT.
 - ALL SANITARY SEWER STUBS MUST BE CAPPED WITH AN 8" CAP.
 - FULL DEPTH GRANULAR BACKFILL SHALL BE INSTALLED ON ALL SEWER LATERAL STREET CROSSINGS & COMPACTED PER INDOT STANDARDS.
 - MIN. SLOPES PER TEN STATE STANDARDS SHALL PREVAIL IN ALL CASES.
 - ALL LATERALS TO BE STATIONED FROM THE NEAREST DOWNSTREAM MANHOLE.
 - ALL SANITARY SEWER MANHOLE PIPING TO MAINTAIN MORE THAN 100' SEPARATION FROM WATER WELLS.
 - CONTRACTOR SHALL INSTALL LATERAL NO GREATER THAN 6 FEET BELOW PAD GRADE AT LATERAL END.
 - MANHOLE STRUCTURES TO BE CONSTRUCTED TO REQUIRE ONE 4 INCH RISER RING, NO MORE, NO LESS TO MEET PLAN TOP OF CASTING ELEVATION.
 - SANITARY SEWER LATERALS TO STOP NO CLOSER THAN 5 FEET AND NO GREATER THAN 7 FEET FROM THE BUILDING LINE. IF EXCAVATION IS REQUIRED PAST THE BUILDING LINE, MATERIAL SHALL BE REPLACED AND COMPACTED TO 95% STANDARD PROCTOR. THIS IS INTENDED TO PREVENT ANY STRUCTURAL SETTLING WITHIN THE BUILDABLE AREA OF ALL LOTS. SANITARY LATERALS ARE TO BE INSTALLED AT NO GREATER THAN 45 DEGREE ANGLE COMING FROM THE MAIN.
 - REFER TO SHEET C501 FOR DATA TABLE.
 - FOR SANITARY SEWER AND WATER SPECIFICATIONS SEE CITIZENS WATER AND WASTEWATER SPECIFICATIONS AND STANDARDS FOR THE WESTFIELD SERVICE TERRITORY EFFECTIVE APRIL 2015.

NOTE:
CONTRACTOR TO CONTACT BUCKEYE PIPELINE COMPANY AND/OR MARATHON PIPELINE COMPANY PRIOR TO ANY WORK WITHIN THE VICINITY OF THEIR PIPELINES AND EASEMENTS DENOTED ON THE PLANS.

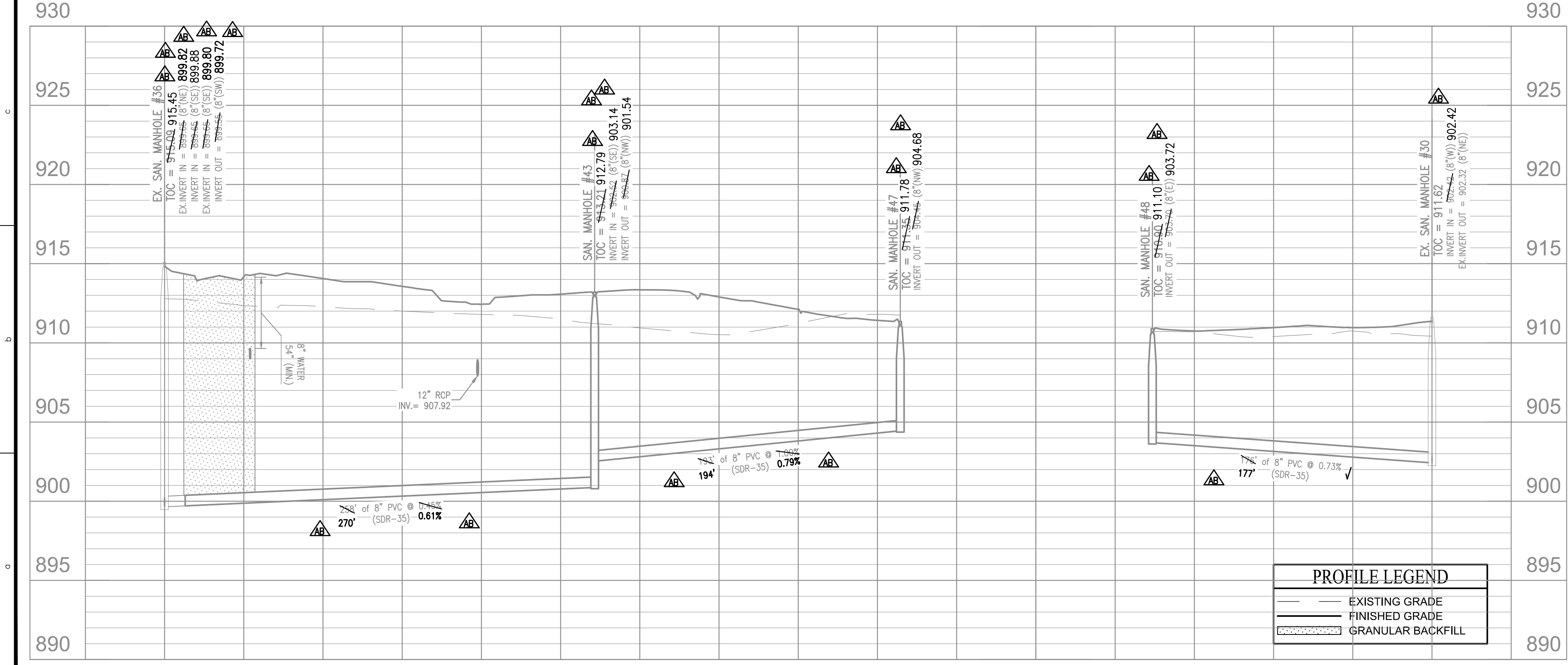
CONTACTS:
BUCKEYE PARTNERS, LP
 5404 W. 96TH STREET
 INDIANAPOLIS, IN 46268
 ATTN: KYLE SMITH
 317-870-0122
MARATHON PIPELINE COMPANY, LLC
 10722 EAST COMPANY ROAD 300 NORTH
 INDIANAPOLIS, IN 46234
 ATTN: AUSTIN GUYER
 317-291-9460

RECORD DRAWING
 SANITARY SEWER AS-BUILTS
 SANITARY SEWER STRUCTURES ONLY
 11/16/2020
 BRADY KUHN, L.S. 20500007



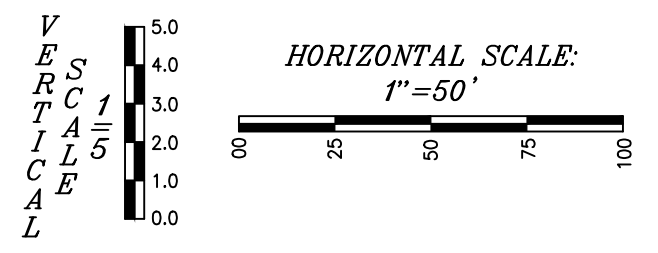
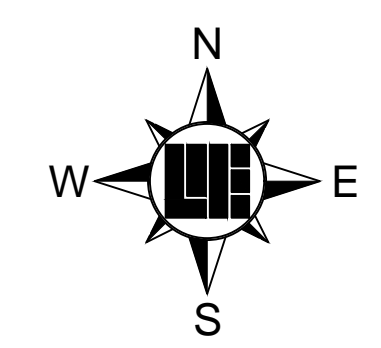
- AS-BUILT INFORMATION
 - BUILT AS PLANNED
 - AS-BUILT SANITARY SEWER STUB
 - AS-BUILT SANITARY SEWER CLEANOUT
- DATE OF LAST FIELDWORK: 11/13/2020

NOTE: PER AN EMAIL FROM THE CONTRACTOR, ALL LATERAL CLEANOUTS WERE INSTALLED PER PLAN AND WERE CAPPED AND BURIED.



PROFILE LEGEND

- EXISTING GRADE
- FINISHED GRADE
- GRANULAR BACKFILL



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 WITHOUT NOTIFYING THE UNDERGROUND
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 DAYS BEFORE COMMENCING WORK.

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 Landscape Architecture

10505 N. College Avenue
 Indianapolis, Indiana 46280
 weithe.net
 317 | 846 - 6611
 800 | 452 - 6408
 317 | 843 - 0546 fax
 ALLAN H. WEIHE, P.E., L.S. - FOUNDER

PROJECT NO.: W150389-3
 DATE: 08/04/2020
 BY: [Signature]
 CHECKED BY: [Signature]
 DATE: 08/10/2020

DUANE A. SHARRER
 No. 890258
 STATE OF INDIANA
 PROFESSIONAL ENGINEER

WEST RAIL AT THE STATION SECTION 3
 BEAZER HOMES INDIANA, LLP
 SANITARY SEWER PLAN & PROFILES
 Part of Station 10, Township 19 North, Range 3 East, Washington Township, Hamilton County, Indiana

SHEET NO. **C501**
 PROJECT NO. **W150389-3**

LOCATION: H:\2019\W150389\Section 3\Engineering\asbuilts\AB_Constr\AB_C500_Sanitary_PIP.dwg
 DATE: 11/16/2020 12:20:21
 PLOTTED BY: [Signature]

RECORD DRAWING

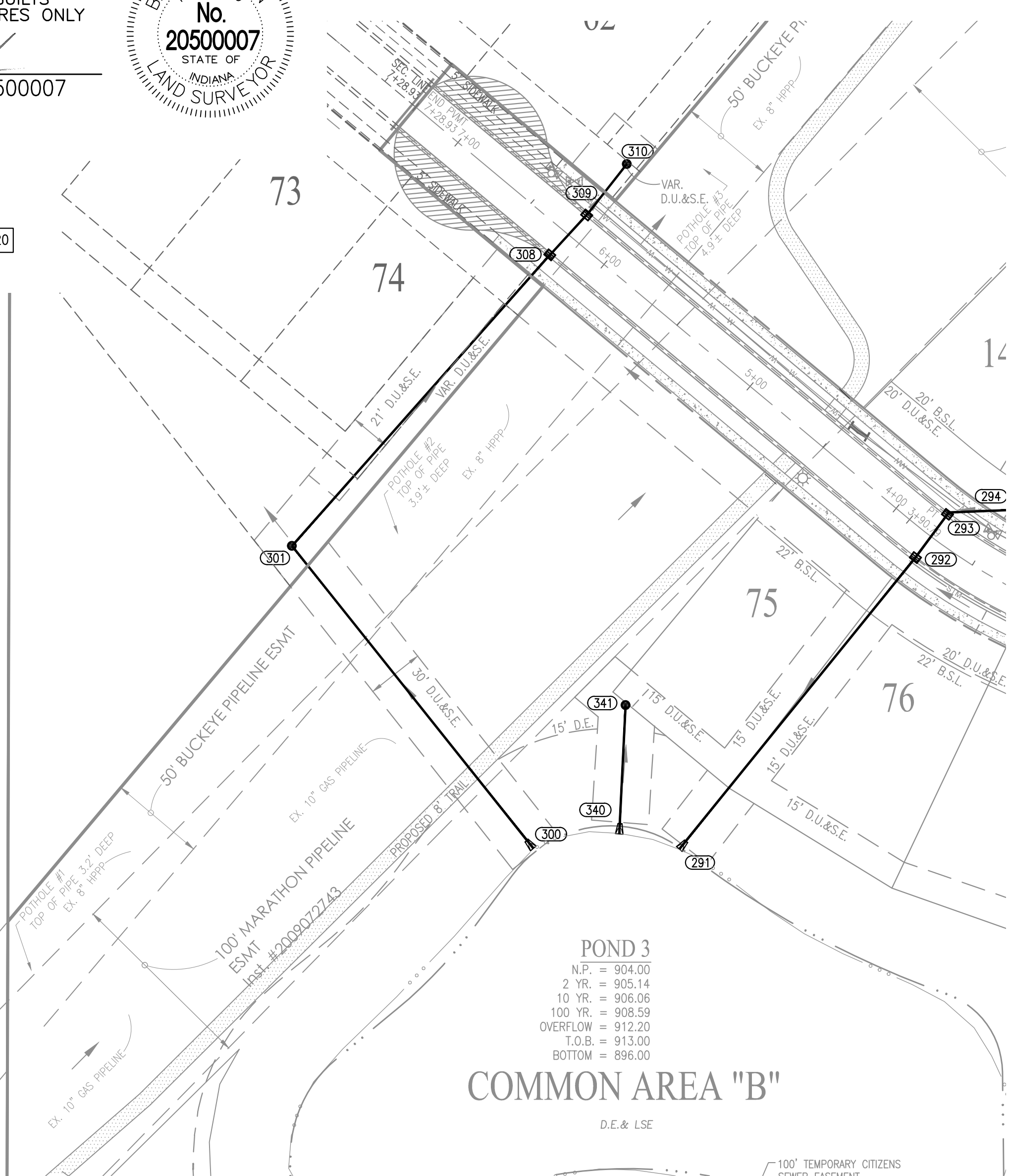
STORM SEWER AS-BUILTS
STORM SEWER STRUCTURES ONLY
11/16/2020

BRADY KUHN, L.S. 20500007

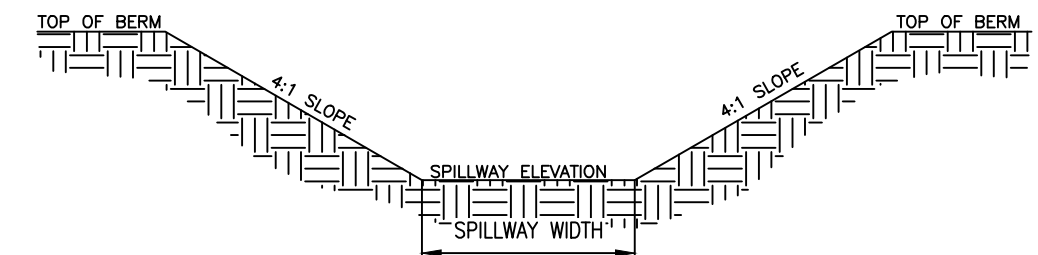


AS-BUILT INFORMATION
BUILT AS PLANNED

DATE OF LAST FIELDWORK: 11/13/2020

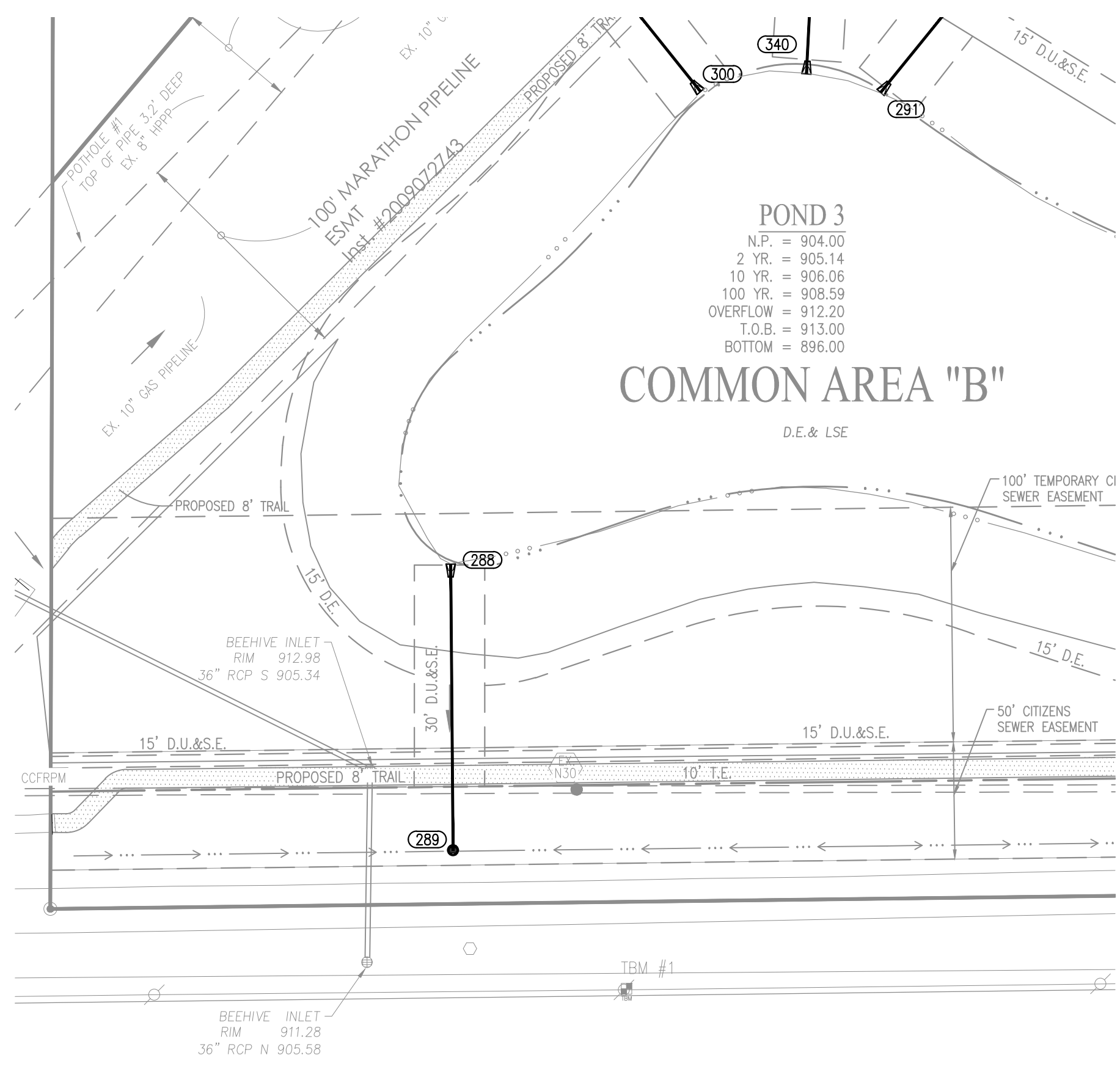


NOTE: BUCKEYE ON-SITE INSPECTOR TO BE PRESENT DURING ALL CONSTRUCTION ACTIVITY IN OR AROUND THE BUCKEYE PIPELINE RIGHT OF WAY. CONTACT BUCKEYE'S LOCAL FIELD OPERATIONS MANAGER FOR NOTIFICATION OF CONSTRUCTION ACTIVITY. CROSSING UTILITIES SHALL BE WRAPPED WITH TRACER WIRE WITHIN 25'-FEET OF THE CROSSING LOCATION.



LOCATION	TOP OF BERM ELEV.	100YR ELEV.	SPILLWAY ELEV.	SPILLWAY WIDTH
POND 3	913.0	908.59	912.2	57'

SPILLWAY DETAIL
NOT TO SCALE



NOTES:

- ALL STRUCTURES DEEPER THAN 4'-0" MUST BE ACCESSIBLE w/ STEPS.
- DEBRIS GUARDS TO BE INSTALLED ON ALL OPEN ENDED INLETS.
- ALL BEEHIVE CASTINGS ON A 2'X2' BOX SHALL HAVE A SQUARE RISER WITH A ROUND HOLE.

STORM SEWER NOTES

- THE CONTRACTOR SHALL ADHERE TO ALL TERMS AND CONDITIONS AS OUTLINED IN THE EPA OR APPLICABLE STATE GENERAL N.P.D.E.S. PERMIT FOR STORMWATER DISCHARGE ASSOCIATED WITH CONSTRUCTION ACTIVITIES AND STORMWATER POLLUTION PREVENTION PLAN.
- REFER TO THE INDIANA DEPARTMENT OF TRANSPORTATION (INDOT) STANDARD SPECIFICATIONS, LATEST EDITION, FOR BASIC MATERIALS AND CONSTRUCTION METHODS. THE SECTIONS BELOW FOR VARIOUS ITEMS ARE TO CLARIFY THE INTENT OF THE REQUIREMENTS FOR THIS PROJECT. PLEASE NOTE THAT OTHER SECTIONS OF THE INDOT STANDARD SPECIFICATIONS MAY ALSO BE APPLICABLE.
- THE CONTRACTOR SHALL CONTACT APPLICABLE STATE UNDERGROUND LOCATION SERVICE AT LEAST 72 HOURS PRIOR TO ANY WORK AND SHALL CONTACT THE OWNER AND/OR ENGINEER SHOULD UTILITIES APPEAR TO BE IN CONFLICT WITH THE PROPOSED IMPROVEMENTS. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO RELOCATE ALL EXISTING UTILITIES WHICH CONFLICT WITH THE PROPOSED IMPROVEMENTS SHOWN ON THE PLANS.
- THE PLANS SHOW THE LOCATION OF ALL KNOWN UTILITIES LOCATED WITHIN THE LIMITS OF CONSTRUCTION ACCORDING TO INFORMATION PROVIDED BY THE VARIOUS UTILITY COMPANIES, PREVIOUS CONSTRUCTION PLANS AND AS EVIDENCED BY OBSERVATION OF ABOVE GROUND CONDITIONS BY THE SURVEYOR. THE ACCURACY OF THIS INFORMATION IS NOT GUARANTEED.
- THE CONTRACTOR SHALL CONTACT ALL UTILITY COMPANIES TO LOCATE MAINS, CONDUITS, SERVICE LINES, ETC. WITHIN THE CONSTRUCTION LIMITS. THE LOCATION AND PROTECTION OF UTILITY STRUCTURES, THEIR SUPPORT AND MAINTENANCE DURING CONSTRUCTION (IN COOPERATION WITH APPLICABLE UTILITY COMPANY) IS THE EXPRESSED RESPONSIBILITY OF THE CONTRACTOR.
- THE CONTRACTOR SHALL CONTACT ALL APPLICABLE UTILITIES AND VERIFY ANY AND ALL FEES ASSOCIATED WITH THE INSTALLATION OF ALL UTILITIES.
- ALL CONSTRUCTION ON THIS SITE TO BE PERFORMED IN COMPLIANCE WITH O.S.H.A. STANDARDS FOR WORKER SAFETY.
- ANY PART OF STORM SEWER TRENCHES RUNNING UNDER OR WITHIN 5' OF PAVEMENT TO BE BACKFILLED WITH GRANULAR MATERIAL.
- IT IS THE CONTRACTORS RESPONSIBILITY TO VERIFY LOCATION, SIZE, AND ELEVATION OF EXISTING UTILITIES, STRUCTURES, PIPES, PAVEMENTS, ETC. AS RELATED TO THEIR WORK. NOTIFY ENGINEER OF ANY CONFLICT AND/OR DISCREPANCIES IN THE CONSTRUCTION DOCUMENTS.
- CLEARANCE BETWEEN STORM / SANITARY SEWER SYSTEMS AND DOMESTIC/FIRE LINE SERVICE, SHALL MAINTAIN 10" HORIZONTAL AND 18" VERTICAL.
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- SANITARY SEWER LINE IN PROXIMITY OF WATER LINE SHALL BE C900 WATER MAIN GRADE PVC.
- IF ANY EXISTING STRUCTURES TO REMAIN ARE DAMAGED DURING CONSTRUCTION, IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO REPAIR AND/OR REPLACE THE EXISTING STRUCTURE AS NECESSARY TO RETURN IT TO IT'S CONDITION PRIOR TO CONSTRUCTION.
- WHEN PERFORMING EXCAVATIONS DURING PERIODS OF WET WEATHER, PROVIDE ADEQUATE DEWATERING, DRAINAGE AND GROUND WATER MANAGEMENT TO CONTROL MOISTURE OF SOILS.
- COMPACTED "b" BORROW BACK FILL REQUIRED OVER ALL UTILITIES IN PAVED AREAS.
- ALL UTILITY STRUCTURES IN PAVED AREAS SHALL BE FLUSH WITH PAVEMENT AND SHALL HAVE TRAFFIC BEARING RING AND COVERS.
- COORDINATE LOCATIONS AND CONNECTIONS OF BUILDING STORM LINES WITH PLUMBING DRAWINGS.
- FOLLOW ALL LOCAL AND STATE CODES IN REFERENCE TO STORM SEWER INSTALLATION.
- ALL EXISTING MANHOLE AND CATCH BASIN GRATES SHALL BE ADJUSTED TO NEW FINISH GRADE ELEVATIONS.
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- ALL STORM PIPE CONNECTIONS AT STRUCTURES SHALL BE GROUTED TO ASSURE CONNECTION AT STRUCTURE IS WATERTIGHT.
- ALL STORM SEWER STRUCTURES IN PAVED AREAS SHALL BE FLUSH WITH PAVEMENT AND SHALL HAVE TRAFFIC BEARING RING AND COVERS RATED FOR H2O LOADING.
- ALL STORM SEWER STRUCTURES SHALL HAVE A SMOOTH UNIFORM POURED MORTAR CHANNEL FROM INVERT IN TO INVERT OUT.
- NEW PIPES AND STRUCTURES WITHIN CONSTRUCTION LIMITS ARE TO BE CLEANED OUT TO REMOVE ALL SILT AND DEBRIS PRIOR TO FINAL TURNOVER TO THE OWNER.
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- PROVIDE BACKFILL WITH A MINIMUM OF 4" BEDDING MATERIAL OF #8 AGGREGATE COMPACTED IN 8" LIFTS TO 95% MAXIMUM DRY DENSITY.
- VERIFY EXISTING STORM INVERT ELEVATIONS PRIOR TO STARTING NEW STORM SEWER CONNECTION.

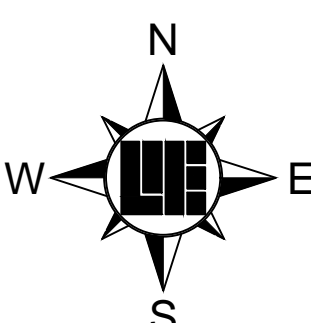
NOTE:

THE EXCAVATION FOR THE INSTALLATION OF STORM STRUCTURES "301", "308", "309", AND "310" AND THE CONNECTING STORM PIPES SHALL NOT ENCROACH INTO BUCKEYE'S ROW NOR WITHDRAW LATERAL SUPPORT FROM THE PIPELINE ROW.

CONTRACTOR TO CONTACT BUCKEYE PIPELINE COMPANY AND/OR MARATHON PIPELINE COMPANY PRIOR TO ANY WORK WITHIN THE VICINITY OF THEIR PIPELINES AND EASEMENTS DENOTED ON THE PLANS.

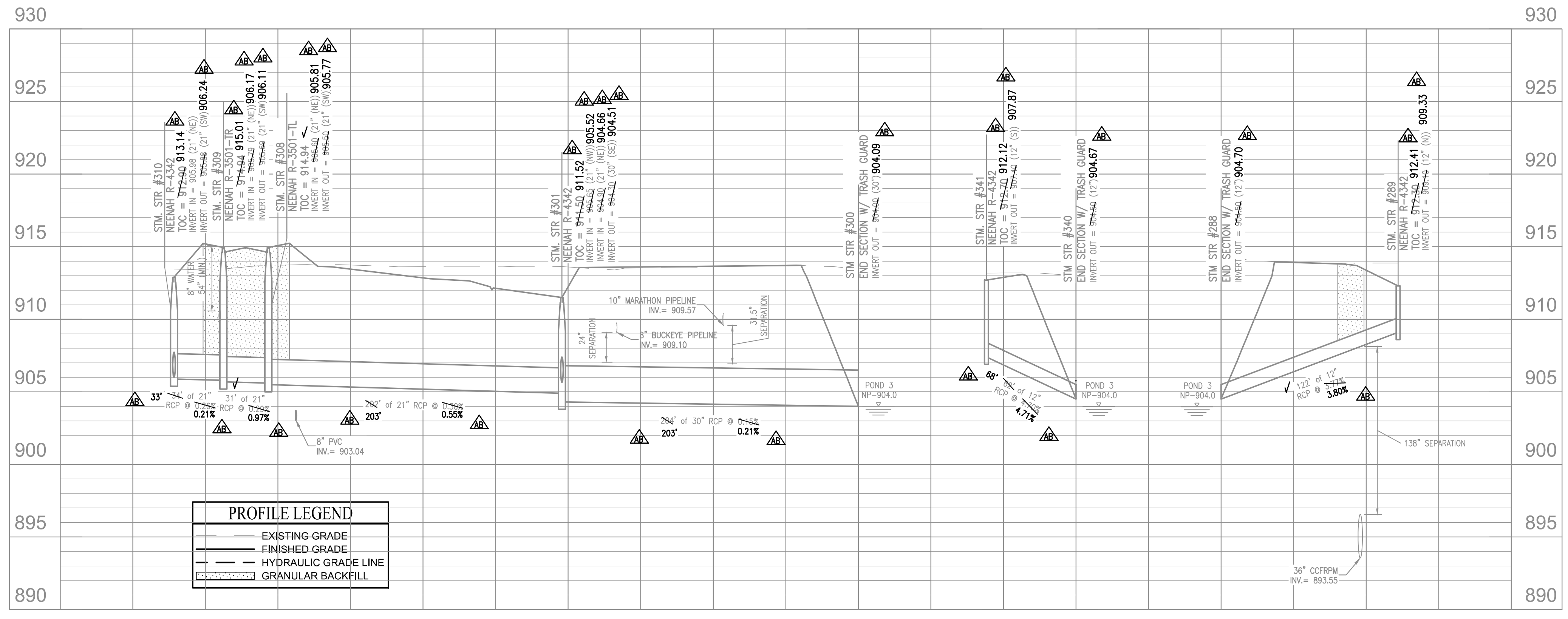
CONTACTS:
BUCKEYE PARTNERS, LP
5404 W. 96TH STREET
INDIANAPOLIS, IN 46268
ATTN: KYLE SMITH
317-670-0122

MARATHON PIPELINE COMPANY, LLC
10722 EAST COMPANY ROAD 300 NORTH
INDIANAPOLIS, IN 46234
ATTN: AUSTIN GUYER
317-291-9460



Within Indiana Call
811 or 800-382-5544
24 Hours a Day, 7 Days a Week.

PER INDIANA STATE LAW IC 8-1-26,
IT IS AGAINST THE LAW TO EXCAVATE
WITHOUT NOTIFYING THE UNDERGROUND
LOCATION SERVICE TWO (2) WORKING
DAYS BEFORE COMMENCING WORK.



PROFILE LEGEND

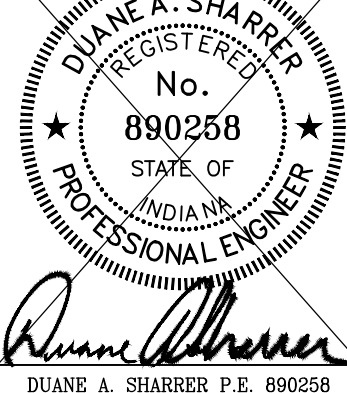
(Solid line)	EXISTING GRADE
(Dashed line)	FINISHED GRADE
(Dotted line)	HYDRAULIC GRADE LINE
(Hatched area)	GRANULAR BACKFILL

10505 N. College Avenue
Indianapolis, Indiana 46280
weibe.net
317 | 846 - 6611
800 | 452 - 6408
317 | 843 - 0546 fax
ALLAN H. WEIHE, P.E., L.S. - FOUNDER



PROJECT NO.	DATE	BY	DATE	BY	DATE
W150389-3	08/04/2019	DR	08/04/2019	DR	08/04/2019
	08/04/2019	DR	08/04/2019	DR	08/04/2019
	08/04/2019	DR	08/04/2019	DR	08/04/2019
	08/04/2019	DR	08/04/2019	DR	08/04/2019

REVISIONS AND ISSUES	DATE	BY	DATE	BY	DATE
REVISION PER PERM COMMENT	08/04/2019	DR	08/04/2019	DR	08/04/2019
REVISION PER PERM COMMENT	08/04/2019	DR	08/04/2019	DR	08/04/2019
REVISION PER PERM COMMENT	08/04/2019	DR	08/04/2019	DR	08/04/2019
REVISION PER PERM COMMENT	08/04/2019	DR	08/04/2019	DR	08/04/2019



PREPARED FOR:
WEST RAIL AT THE STATION SECTION 3
BLAZER HOMES INDIANA, LLP
STORM SEWER PLAN & PROFILES
Part of Section 10, Township 19 North, Range 3 East, Washington Township, Hamilton County, Indiana

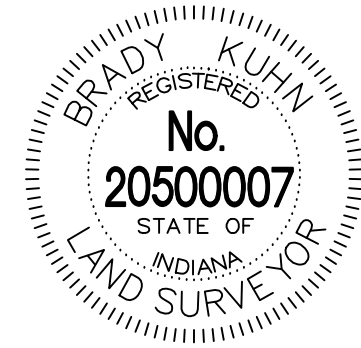
SHEET NO.
C600
PROJECT NO.
W150389-3

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DATE: 08/04/2019 12:20:21
PLOT: 8/16/2019 10:44:44
PLOTTER: HP DesignJet T1100PS

RECORD DRAWING

STORM SEWER AS-BUILTS
STORM SEWER STRUCTURES ONLY
11/16/2020

BRADY KUHN, L.S. 20500007



AS-BUILT INFORMATION

BUILT AS PLANNED

DATE OF LAST FIELDWORK: 11/13/2020

STORM SEWER NOTES

1. THE CONTRACTOR SHALL ADHERE TO ALL TERMS AND CONDITIONS AS OUTLINED IN THE EPA OR APPLICABLE STATE GENERAL N.P.D.E.S. PERMIT FOR STORMWATER DISCHARGE ASSOCIATED WITH CONSTRUCTION ACTIVITIES AND STORMWATER POLLUTION PREVENTION PLAN.
2. REFER TO THE INDIANA DEPARTMENT OF TRANSPORTATION (INDOT) STANDARD SPECIFICATIONS, LATEST EDITION, FOR BASIC MATERIALS AND CONSTRUCTION METHODS. THE SECTIONS BELOW FOR VARIOUS ITEMS ARE TO CLARIFY THE INTENT OF THE REQUIREMENTS FOR THIS PROJECT. PLEASE NOTE THAT OTHER SECTIONS OF THE INDOT STANDARD SPECIFICATIONS MAY ALSO BE APPLICABLE.
3. THE CONTRACTOR SHALL CONTACT APPLICABLE STATE UNDERGROUND LOCATION SERVICE AT LEAST 72 HOURS PRIOR TO ANY WORK AND SHALL CONTACT THE OWNER AND/OR ENGINEER SHOULD UTILITIES APPEAR TO BE IN CONFLICT WITH THE PROPOSED IMPROVEMENTS. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO RELOCATE ALL EXISTING UTILITIES WHICH CONFLICT WITH THE PROPOSED IMPROVEMENTS SHOWN ON THE PLANS.
4. THE PLANS SHOW THE LOCATION OF ALL KNOWN UTILITIES LOCATED WITHIN THE LIMITS OF CONSTRUCTION ACCORDING TO INFORMATION PROVIDED BY THE VARIOUS UTILITY COMPANIES, PREVIOUS CONSTRUCTION PLANS AND AS EVIDENCED BY OBSERVATION OF ABOVE GROUND CONDITIONS BY THE SURVEYOR. THE ACCURACY OF THIS INFORMATION IS NOT GUARANTEED.
5. THE CONTRACTOR SHALL CONTACT ALL UTILITY COMPANIES TO LOCATE MAINS, CONDUITS, SERVICE LINES, ETC. WITHIN THE CONSTRUCTION LIMITS. THE LOCATION AND PROTECTION OF UTILITY STRUCTURES, THEIR SUPPORT AND MAINTENANCE DURING CONSTRUCTION (IN COOPERATION WITH APPLICABLE UTILITY COMPANY) IS THE EXPRESSED RESPONSIBILITY OF THE CONTRACTOR.
6. THE CONTRACTOR SHALL CONTACT ALL APPLICABLE UTILITIES AND VERIFY ANY AND ALL FEES ASSOCIATED WITH THE INSTALLATION OF ALL UTILITIES.
7. ALL CONSTRUCTION ON THIS SITE TO BE PERFORMED IN COMPLIANCE WITH O.S.H.A. STANDARDS FOR WORKER SAFETY.
8. ANY PART OF STORM SEWER TRENCHES RUNNING UNDER OR WITHIN 5' OF PAVEMENT TO BE BACKFILLED WITH GRANULAR MATERIAL.
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14. COMPACTED "B" BORROW BACK FILL REQUIRED OVER ALL UTILITIES IN PAVED AREAS.
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26. PROVIDE BACKFILL WITH A MINIMUM OF 4" BEDDING MATERIAL OF #8 AGGREGATE COMPACTED IN 8" LIFTS TO 95% MAXIMUM DRY DENSITY.
27. VERIFY EXISTING STORM INVERT ELEVATIONS PRIOR TO STARTING NEW STORM SEWER CONNECTION.

NOTES:

1. ALL STRUCTURES DEEPER THAN 4'-0" MUST BE ACCESSIBLE w/ STEPS.
2. DEBRIS GUARDS TO BE INSTALLED ON ALL OPEN ENDED INLETS.
3. ALL BEEHIVE CASTINGS ON A 2'X2' BOX SHALL HAVE A SQUARE RISER WITH A ROUND HOLE.

NOTE:

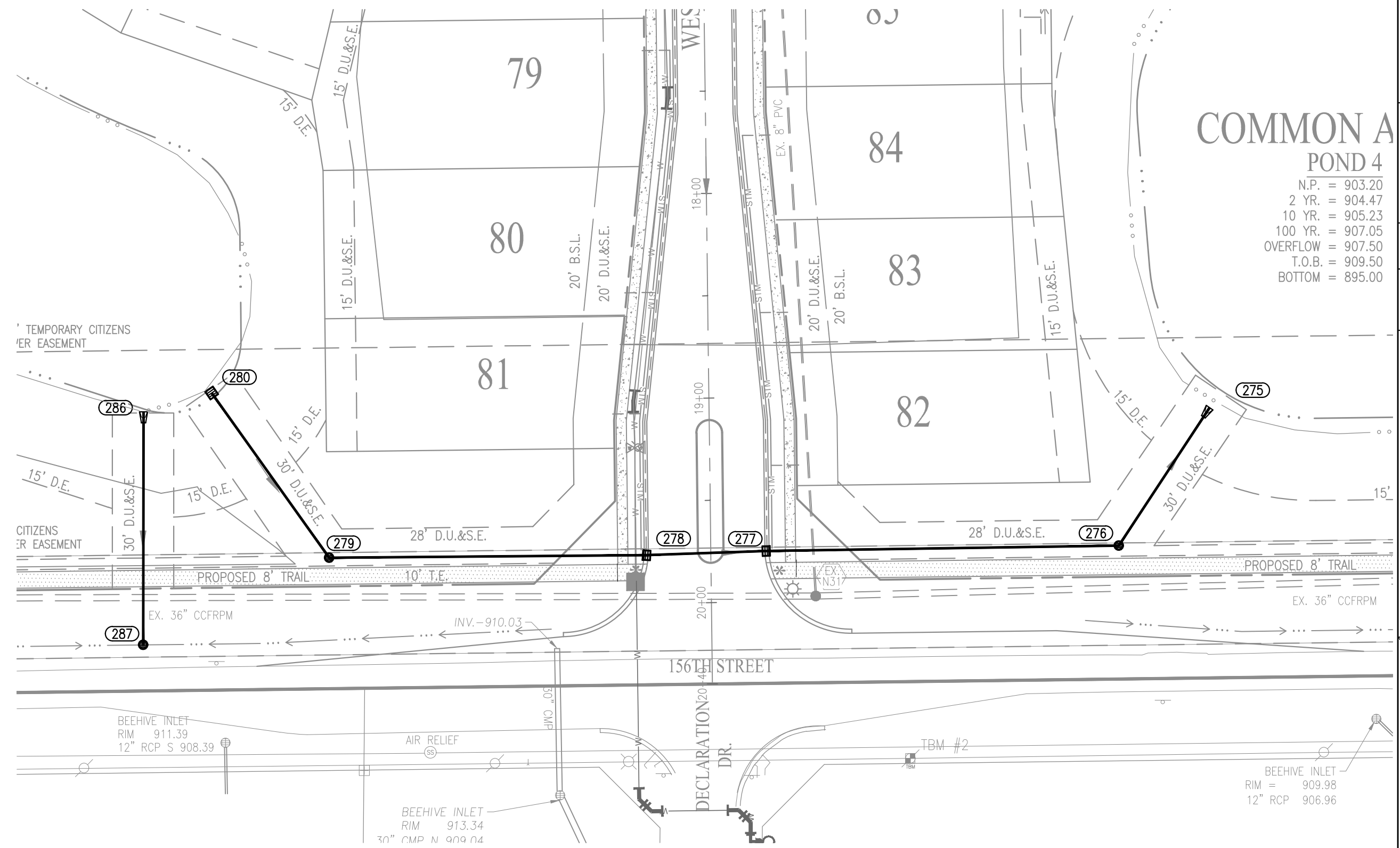
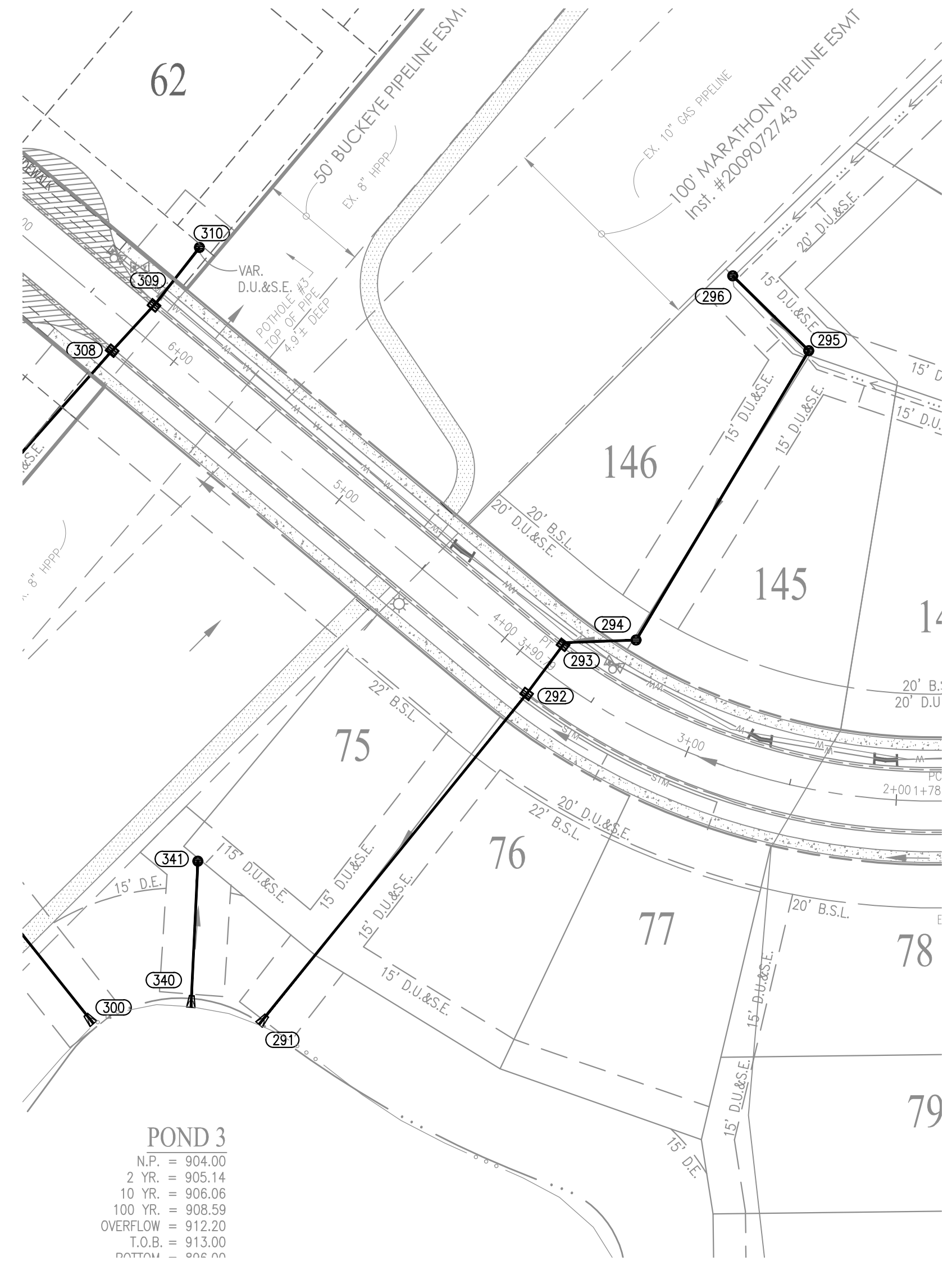
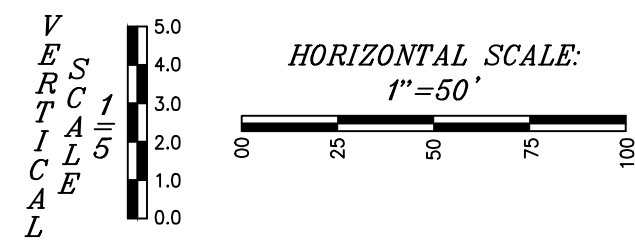
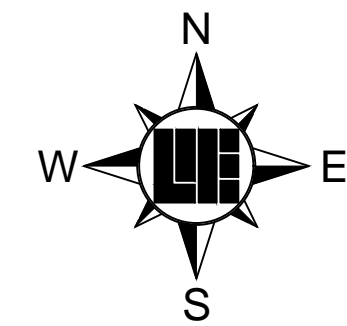
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ATTN: KYLE SMITH
317-870-0122

MARATHON PIPELINE COMPANY, LLC
10722 EAST COMPANY ROAD 300 NORTH
INDIANAPOLIS, IN 46234
ATTN: AUSTIN GUYER
317-291-9460

NOTE:
BUCKEYE ON-SITE INSPECTOR TO BE PRESENT DURING ALL CONSTRUCTION ACTIVITY IN OR AROUND THE BUCKEYE PIPELINE RIGHT OF WAY. CONTACT BUCKEYE'S LOCAL FIELD OPERATIONS MANAGER FOR NOTIFICATION OF CONSTRUCTION ACTIVITY. CROSSING UTILITIES SHALL BE WRAPPED WITH TRACER WIRE WITHIN 25'-FEET OF THE CROSSING LOCATION.



POND 3

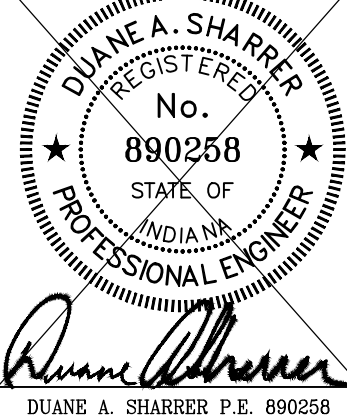
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100 YR.	= 908.59
OVERFLOW	= 912.20
T.O.B.	= 913.00
DEPTH	= 0.02 FT

COMMON A POND 4

N.P.	= 903.20
2 YR.	= 904.47
10 YR.	= 905.23
100 YR.	= 907.05
OVERFLOW	= 907.50
T.O.B.	= 909.50
BOTTOM	= 895.00

DATE	BY	REVISIONS AND ISSUES
08/07/2019	DR	ISSUED PER CITY OF WESTFIELD REVIEW COMMENTS
08/08/2019	DR	REVISED PER CITY OF WESTFIELD REVIEW COMMENTS
08/24/2019	DR	REVISED PER BUCKEYE COMMENTS (ADDED SEPARATION DIMENSIONS)
11/22/2019	DR	REVISED PER BUCKEYE COMMENTS (11-15-2019)
08/10/2020	OK	APPROVED PER BUCKEYE COMMENTS

81 REVISIONS AND ISSUES
ISSUED PER CITY OF WESTFIELD REVIEW COMMENTS
REVISED PER CITY OF WESTFIELD REVIEW COMMENTS
REVISED PER BUCKEYE COMMENTS (ADDED SEPARATION DIMENSIONS)
REVISED PER BUCKEYE COMMENTS (11-15-2019)
APPROVED PER BUCKEYE COMMENTS



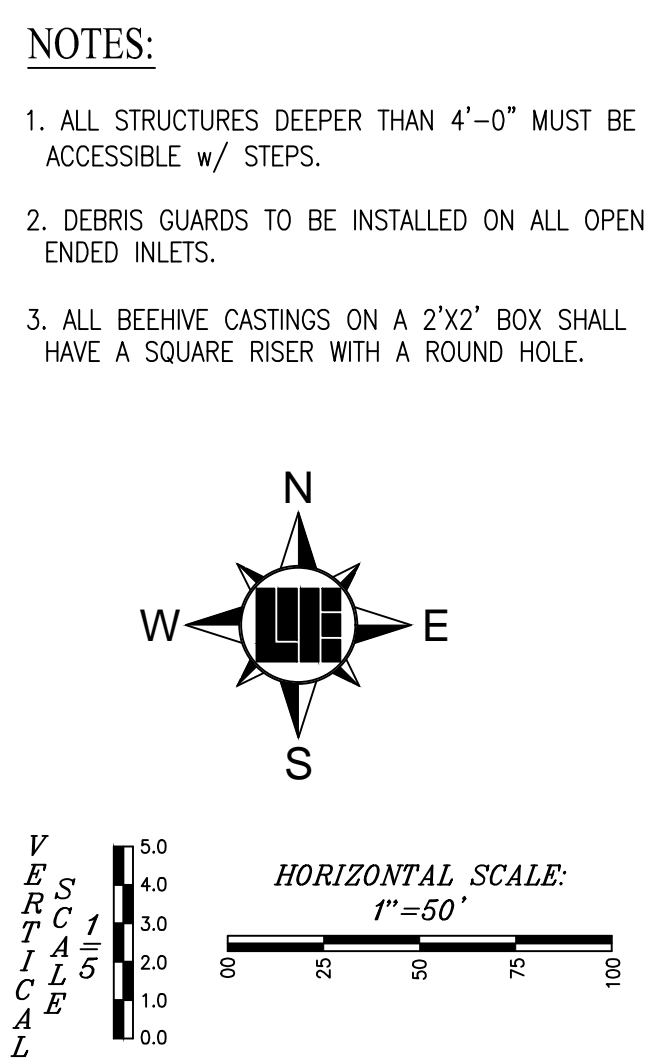
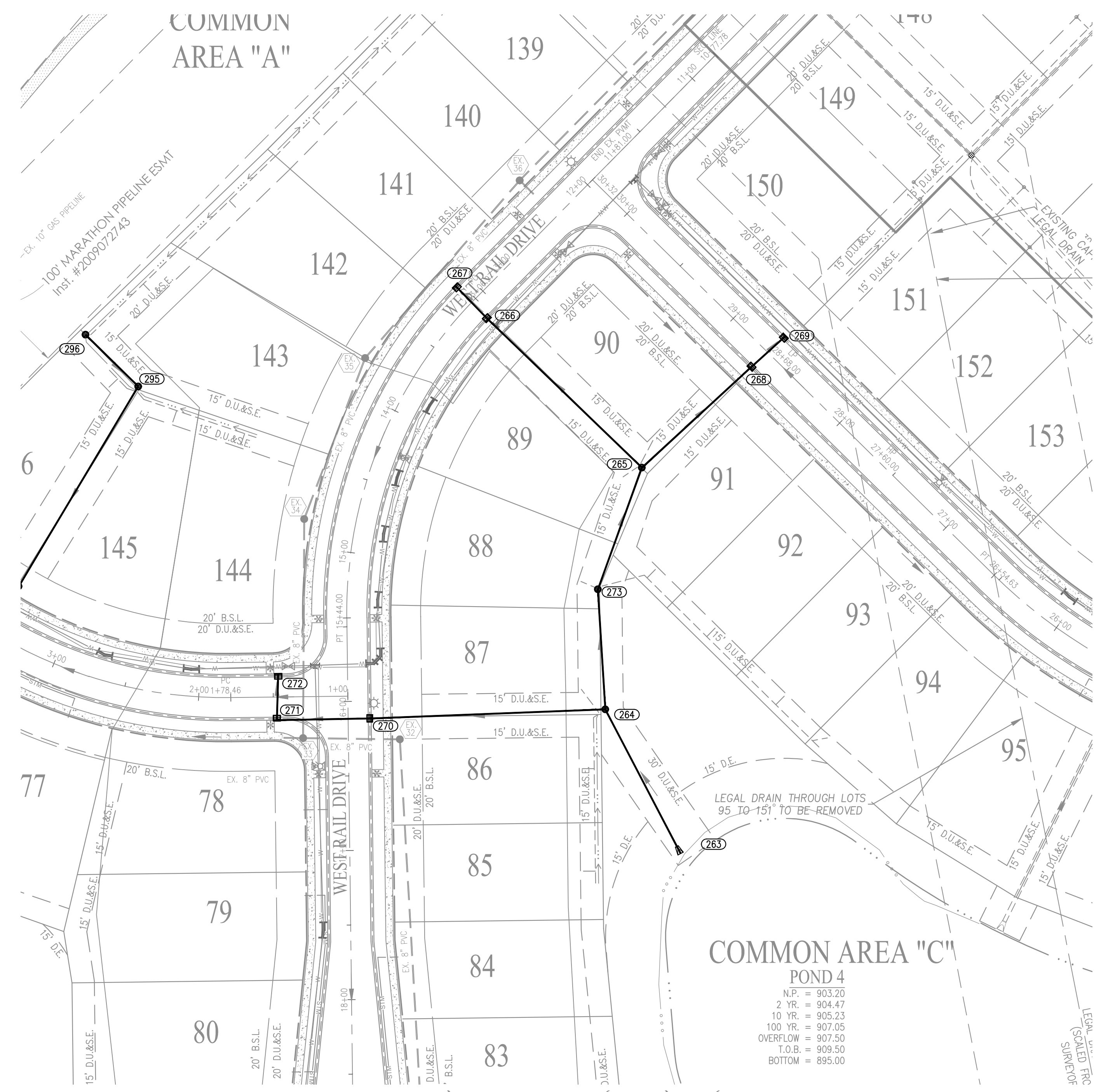
PROFILE LEGEND

---	EXISTING GRADE
---	FINISHED GRADE
---	HYDRAULIC GRADE LINE
---	GRANULAR BACKFILL

PREPARED FOR:
WEST RAIL AT THE STATION SECTION 3
BLAZER HOMES INDIANA, LLP
STORM SEWER PLAN & PROFILES
Part of Station 10, Township 18 North, Range 3 East, Washington Township, Hamilton County, Indiana

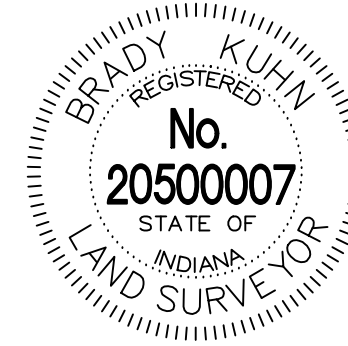
SHEET NO.
C601
PROJECT NO.
W150389-3

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DATE: 11/16/2020 12:20:21
PLOT: 11/16/2020 12:20:21
PLOTED BY: kmm



- STORM SEWER NOTES**
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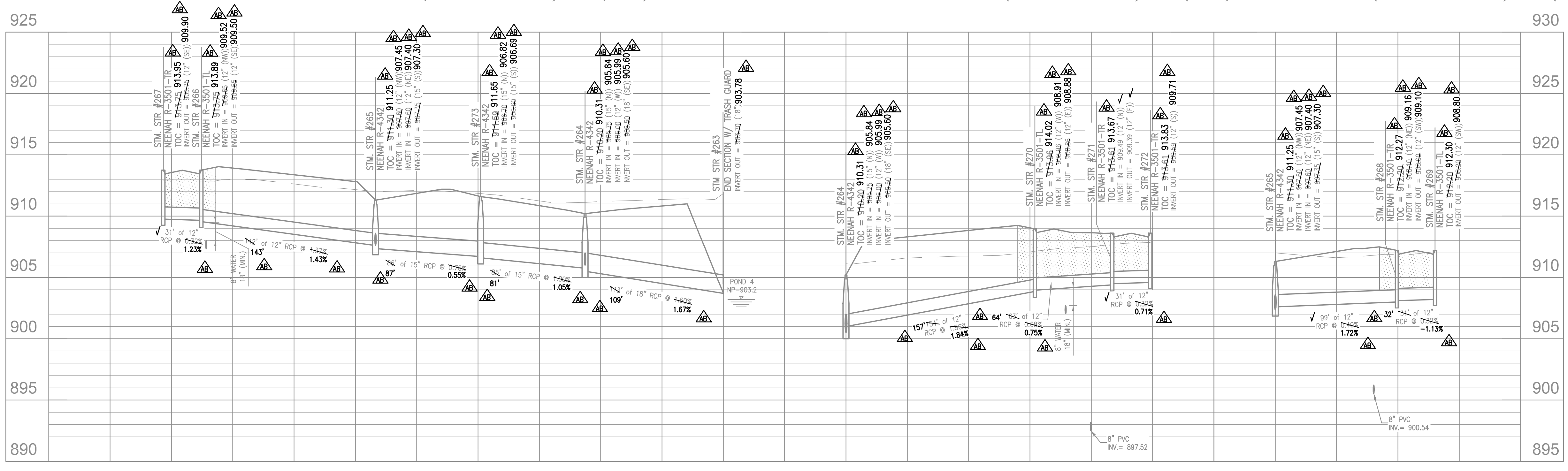
RECORD DRAWING
 STORM SEWER AS-BUILTS
 STORM SEWER STRUCTURES ONLY
 11/16/2020
 BRADY KUHN, L.S. 20500007



- AS-BUILT INFORMATION
- BUILT AS PLANNED

DATE OF LAST FIELDWORK: 11/13/2020

COMMON AREA "C"
POND 4
 N.P. = 903.20
 2 Y.P. = 904.47
 10 Y.P. = 905.23
 100 Y.P. = 907.05
 OVERFLOW = 907.50
 T.O.B. = 909.50
 BOTTOM = 895.00



NOTE:
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 5404 W. 96TH STREET
 INDIANAPOLIS, IN 46288
 ATTN: KYLE SMITH
 317-870-0122
 MARATHON PIPELINE COMPANY, LLC
 10722 EAST COMPANY ROAD, 300 NORTH
 INDIANAPOLIS, IN 46234
 ATTN: AUSTIN GUYER
 317-291-8460

WEIHE ENGINEERS
 Land Surveying | Civil Engineering
 Landscape Architecture

10505 N. College Avenue
 Indianapolis, Indiana 46280
 weithe.net
 317 | 846 - 6611
 800 | 452 - 6408
 317 | 843 - 0546/fax
 ALLAN H. WEIHE, P.E., L.S. - FOUNDER

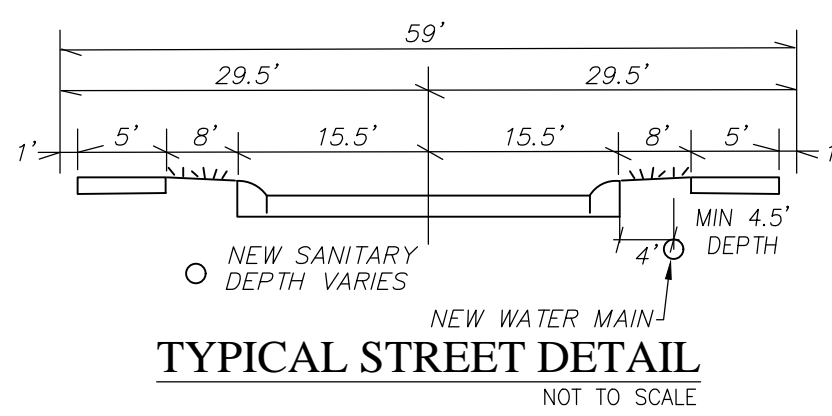
DATE	BY	REVISIONS AND ISSUES
08/07/2019	DK	ISSUED PER CITY OF WESTFIELD REVIEW COMMENTS
08/28/2019	DK	REVISED PER CITY OF WESTFIELD REVIEW COMMENTS
09/24/2019	DK	REVISED PER BUCKEYE COMMENTS (11-15-2019)
11/22/2019	DK	REVISED PER BUCKEYE COMMENTS (11-15-2019)
08/10/2020	DK	REVISED PER BUCKEYE COMMENTS (11-15-2019)

DUANE A. SHARRER
 REGISTERED PROFESSIONAL ENGINEER
 No. 890258
 STATE OF INDIANA

WEST RAIL AT THE STATION SECTION 3
 BEAZER HOMES INDIANA, LLP
 STORM SEWER PLAN & PROFILES
 Part of Section 10, Township 19 North, Range 3 East, Washington Township, Hamilton County, Indiana

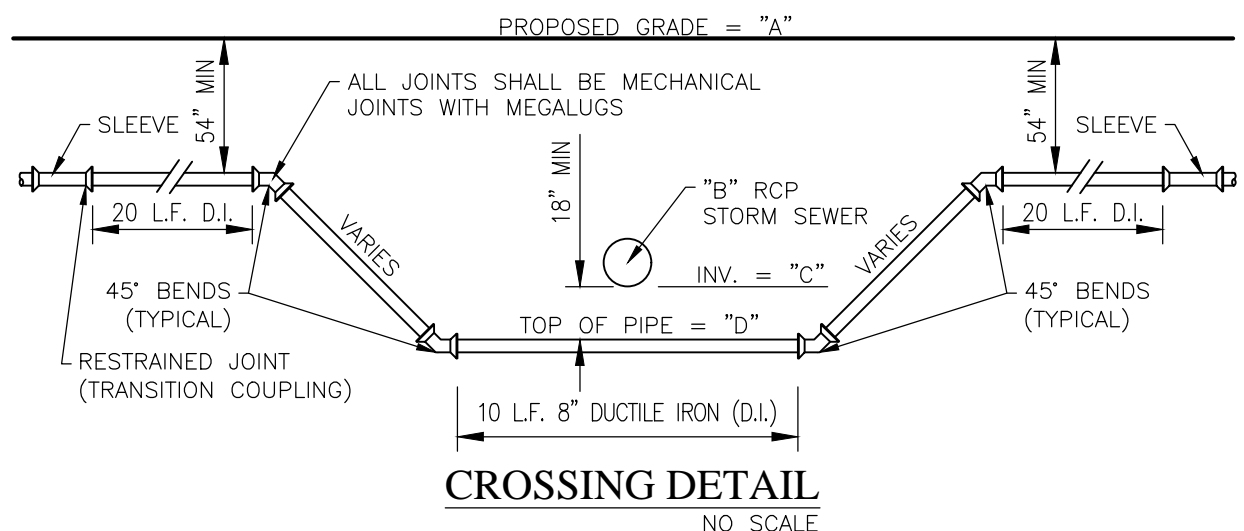
PREPARED FOR:
 SHEET NO. **C602**
 PROJECT NO. **W150389-3**

LOCATION: H:\2019\W150389\Section 3\Engineering\substation\Consent\AB 6000 Storm Plan.dwg
 DATE: 11/16/2020
 PLOTTED BY: kmm



Project Name WEST RAIL AT THE STATION SECTION THREE
 Project Number WFJ-19-012
 Dist. Map No. 2235/2245
 Meter Map No. Lots
 Tax Code 43
 Pressure Dist WESTFIELD
 Drafter Weihe / TAS
 Date 12/21/2018
 County HAMILTON
 Township WASHINGTON

NOTE:
 ALL WATERLINE AND SANITARY SEWER JOINTS WITHIN 50-FEET OF THE HPPPP SHALL BE INSTALLED WITH NITRILE GASKETS.



CROSSING SUMMARY TABLE

CROSSING	A	B	C	D
#1	910.0±	30"	904.3	902.5±
#2	915.9±	10"	910.0	907.9±
#3	915.3±	8"	908.5	906.5±

LEGEND

- EXISTING WATER MAIN
- PROPOSED WATER MAIN
- PROPOSED HYDRANT WITH HYDRANT VALVE
- EXISTING HYDRANT WITH HYDRANT VALVE
- BUTTERFLY VALVE
- VALVE
- BLOWOFF ASSEMBLY
- AIR RELIEF VALVE
- PLUG
- REDUCER
- T.J. TEE
- M.J. SLEEVE
- CROSS
- CASING PIPES
- GAS LINES
- TELEPHONE LINES
- ELECTRICAL LINES
- FUTURE DRIVEWAYS (BY OTHERS)
- ELECTRICAL PEDESTAL
- ELECTRICAL TRANSFORMER
- SINGLE WATER LATERAL
- DOUBLE WATER LATERAL

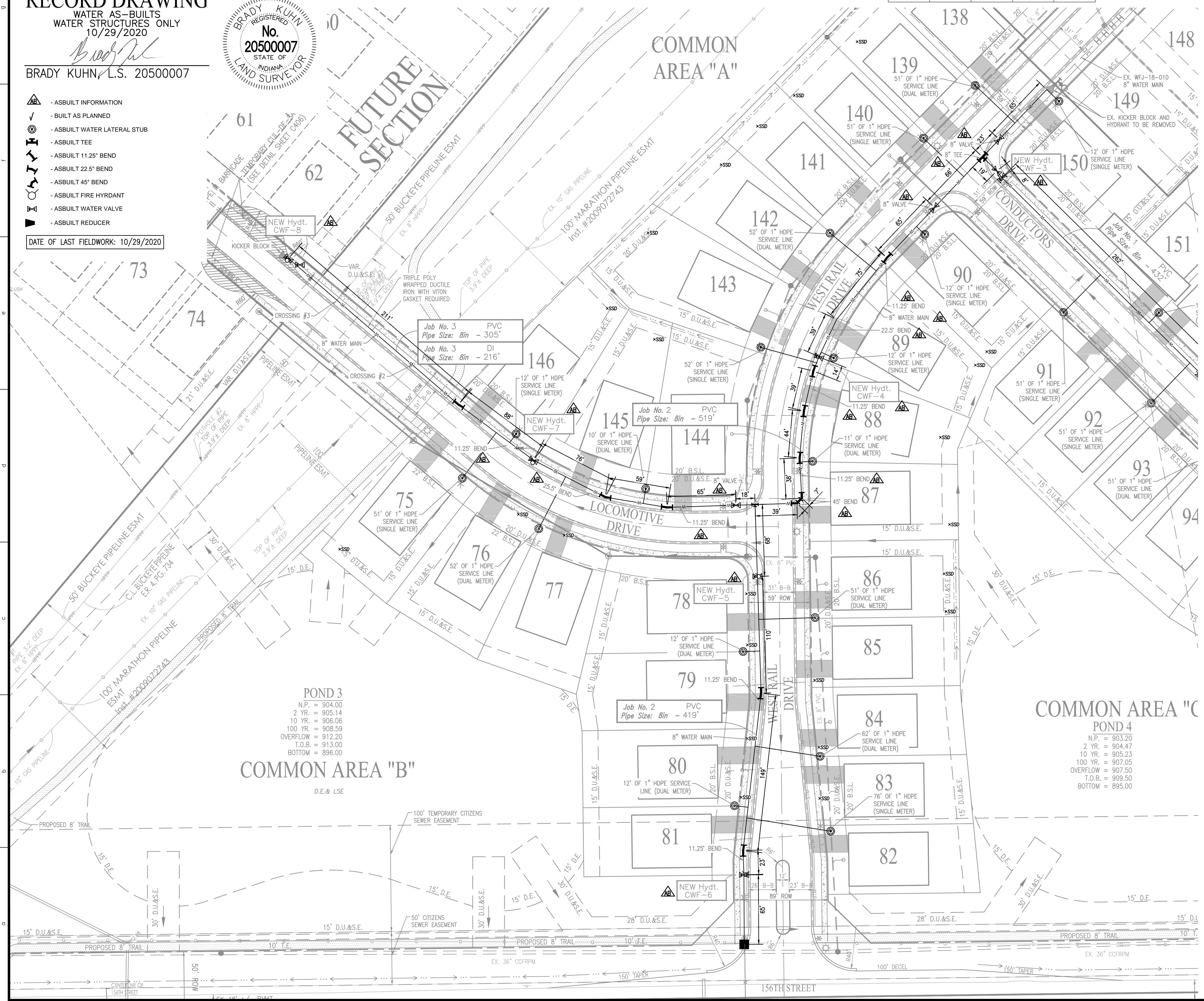
- WATER MAIN NOTES:
1. ALL SERVICE LINES TO BE STUBBED A MINIMUM OF 2 FEET BEHIND SIDEWALK.
 2. MAIN SHALL BE SADDLE TAPPED AND BEDDED WITH SAND 6 INCHES UNDER AND 12 INCHES OVER THE PIPE WITH MARKING TAPE INSTALLED 2 FEET ABOVE THE WATER MAIN.
 3. NUMBER TEN (#10) TRACER WIRE SHALL BE INSTALLED ON THE TOP OF ALL MAINS AND PULLED THROUGH VALVE BOXES.
 4. #10 TRACER WIRE SHALL BE INSTALLED ON TOP OF ALL MAINS AND PULLED THROUGH VALVE BOXES.
 5. CONTRACTOR MUST PROVIDE REDLINE "AS-BUILT" MARK-UPS TO ENGINEER OR ALL BENDS AND TEES MUST BE LOCATED WITH 2X4 BOARD PAINTED BLUE.
 6. ALL PROPOSED ROAD CROSSINGS MUST BE FULLY BACKFILLED WITH A GRANULAR BACKFILL MATERIAL.
 7. ALL TEMPORARY FIRE HYDRANTS TO BE INSTALLED WITH VALVES.
 8. ALL VALVES MUST HAVE POSI-CAP INSTALLED.
 9. ALL WATER MAINS TO BE INSTALLED ACCORDING TO CITIZENS' STANDARD PRACTICE AND ENGINEERING REQUIREMENTS.
 10. FIRE HYDRANTS ARE DIAGRAMMATIC AS TO LOCATION RELATIVE TO WALK AND PROPERTY LINES. FIRE HYDRANTS SHALL BE INSTALLED BETWEEN SIDEWALK AND CURB SO AS TO NOT INTERFERE WITH WALK AND TO PROVIDE A MINIMUM OF 18" CLEARANCE FROM BACK OF CURB.
 11. METER PIT PARTS TO BE DISCUSSED AT PRE CONSTRUCTION MEETING.
 12. FOR SANITARY SEWER AND WATER SPECIFICATIONS SEE CITIZENS WATER AND WASTEWATER SPECIFICATIONS AND STANDARDS FOR THE WESTFIELD SERVICE TERRITORY EFFECTIVE FEBRUARY 2019 (SANITARY) AND JANUARY 2019 (WATER).
 13. COORDINATION WITH THE PIPELINE UTILITY IS REQUIRED FOR ANY PIPELINE CROSSING AND/OR ENCROACHMENT ON THE PIPELINE EASEMENT.

RECORD DRAWING
 WATER AS-BUILTS
 WATER STRUCTURES ONLY
 10/29/2020
 BRADY KUHN, L.S. 20500007



- AS-BUILT INFORMATION
- BUILT AS PLANNED
- AS-BUILT WATER LATERAL STUB
- AS-BUILT TEE
- AS-BUILT 11.25° BEND
- AS-BUILT 22.5° BEND
- AS-BUILT 45° BEND
- AS-BUILT FIRE HYDRANT
- AS-BUILT WATER VALVE
- AS-BUILT REDUCER

DATE OF LAST FIELDWORK: 10/29/2020



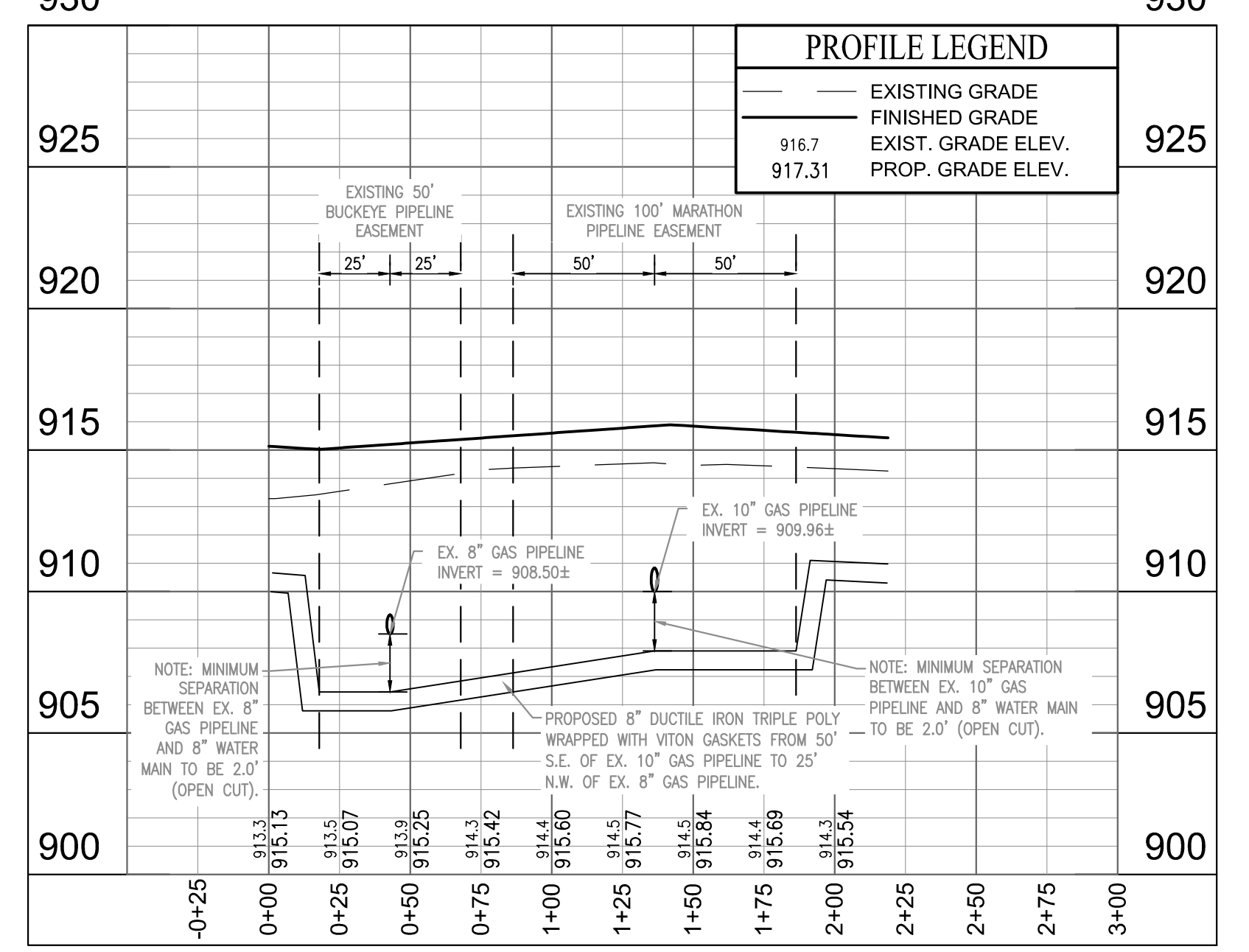
CITIZENS WESTFIELD PROJECT LEGEND

Project Name WEST RAIL AT THE STATION SECTION 3
 Project Number WFJ-19-012

Job #	Street Name	Pipe Size	Pipe Type	Total Pipe	
1	CONDUCTORS DRIVE	8"	PVC	666'	657' △
1	CONDUCTORS DRIVE	8"	DI	56'	514' △
2	WEST RAIL DRIVE	8"	PVC	516'	299' △
3	LOCOMOTIVE DRIVE	8"	PVC	395'	217' △
3	LOCOMOTIVE DRIVE	8"	DI	746'	
				TOTAL	1743' △

# OF SERVICE LINES					
13	SINGLE SERVICE LINE	1"	HDPE	495'	
15	DOUBLE SERVICE LINE	1"	HDPE	502'	
				TOTAL	997'

GASMAIN PIPELINE CROSSING (LOCAL SECTION)



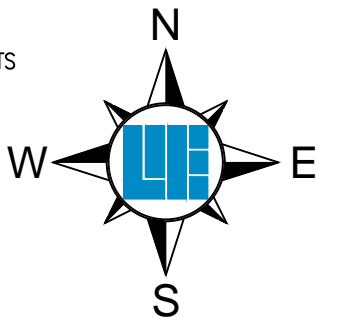
NOTE:

CONTRACTOR TO CONTACT BUCKEYE PIPELINE COMPANY AND/OR MARATHON PIPELINE COMPANY PRIOR TO ANY WORK WITHIN THE VICINITY OF THEIR PIPELINES AND EASEMENTS DENOTED ON THE PLANS.

CONTACTS:

BUCKEYE PARTNERS, LP
 5404 W. 96TH STREET
 INDIANAPOLIS, IN 46268
 ATTN: KYLE SMITH
 317-870-0122

MARATHON PIPELINE COMPANY, LLC
 10722 EAST COMPANY ROAD 300 NORTH
 INDIANAPOLIS, IN 46254
 ATTN: AUSTIN GUYER
 317-291-9460



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10505 N. College Avenue
 Indianapolis, Indiana 46280
 weihe.net
 317 | 846 - 6611
 800 | 452 - 6408
 317 | 843 - 0546 (fax)

WEIHE ENGINEERS
 Land Surveying | Civil Engineering
 Landscape Architecture

REVISIONS AND ISSUES

NO.	DATE	BY	DESCRIPTION
1	08/21/2019	PKC	REVISED PLANS PER REVIEW COMMENTS
2	08/28/2019	DIR	REVISED PLANS PER CITY OF WESTFIELD REVIEW COMMENTS
3	09/24/2019	DIR	REVISED PER BUCKEYE COMMENTS (ADDED SEPARATION DIMENSIONS)
4	11/22/2019	DIR	REVISED PER BUCKEYE COMMENTS (ON PAST)
5	08/10/2020	DK	REVISED PER BUCKEYE COMMENTS (11-15-2019)

DUANE A. SHARBER REGISTERED PROFESSIONAL ENGINEER
 No. 890258
 STATE OF INDIANA
 DUANE A. SHARBER P.E. 890258

WEST RAIL AT THE STATION SECTION 3
 WATER PLAN
 BEAZER HOMES INDIANA, LLP
 Part of Station 16, Township 18 North, Range 3 East, Washington Township, Hamilton County, Indiana
 SHEET NO. C700
 PROJECT NO. W150389-3

LOCATION: W150389 Section 3 (Engineering/Utilities) VAB Consent VAB 0700 Water.dwg
 DATE/PLT: March 12, 2021 - 8:49am
 PLOTTED BY: kinneg

